

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

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SUMMARY 1978

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Some heavy snow in January and February; changeable spring; cool, cloudy summer; mild, dry autumn; wet December.

The weather during the first two months of the year was most remarkable for severe blizzards which occurred in north-eastern Scotland in January and over south-western England and South Wales in February. March was a mild, wet month almost everywhere, but April was cold and dull, although rainfall was well below average in some areas. For much of Scotland and Northern Ireland, April also marked the start of five consecutive months with below-average rainfall. The summer months of June, July and August were generally rather cool and dull in all areas. Over England and Wales the months of September, October and November were unusually dry, but the year ended with most parts of the United Kingdom having a very wet December and by the end of the month the weather became very cold and snowy.

WEATHER

January - The month was generally unsettled with severe gales at times. There were heavy falls of snow in some districts, particularly in Scotland and Northern Ireland on the 10th and over northern and eastern Britain on the 19th. On the 28th and 29th north-eastern Scotland was affected by a severe blizzard.

February - The changeable weather of January continued for the first week of the month, but the next fortnight was very cold with easterly winds and snow in many areas. Heavy falls of snow occurred in the north during the second week and in the south-west during the third week, when a severe blizzard affected south-western England and South-Wales. This was followed by a rapid thaw, which led to flooding in some areas.

March - The first half of the month was mild and there were outbreaks of rain or showers at times. Colder weather reached most districts around mid-month and sleet or snow occurred in many areas, particularly on the 15th and 16th. Milder weather returned during the last few days.

April - The weather was mostly changeable, cool and rather dull. Snow fell in many areas during the second week and there were also scattered falls of snow or sleet at other times during the month.

May - The first half of the month was generally cool, especially in eastern coastal areas, but temperatures then rose and it became very warm towards the end of the month. Although many western areas had little rain, other districts, particularly in the south-east, had heavy rain at times with thunderstorms in places.

June - The warm sunny weather at the end of May continued into early June, but thunderstorms broke out in many districts. After the first few days, however, the weather during the rest of the month was mostly cool and changeable.

July - Although there was a short spell of mainly dry and sunny weather in the second and third weeks, much of the month was cool and unsettled. Outbreaks of rain became increasingly frequent after the 21st and there were thunderstorms in many places.

August - The weather was generally cool and dull with outbreaks of rain and scattered thunderstorms until early in the third week, when there was a change in most areas to somewhat warmer and drier weather.

September - It was mostly a dry and sunny month in southern counties, but over the remainder of the United Kingdom the weather was changeable. There were widespread gales around mid-month and again in the last few days.

October - Apart from north-western parts of Scotland, this was a very dry month in many areas, particularly in the south. It was also sunny and very warm at times.

November - The first three weeks were mild and overnight fog developed frequently in southern parts of England and Wales. After an unsettled spell in the middle of the month, with gales in places, the weather became very cold with some snow showers in the last week.

December - Except in north-western Scotland, most areas had a very wet month and there were severe gales at times. Mild spells alternated with colder weather but by the end of the month it became very cold everywhere.

WIND

Over much of Scotland the number of days during the year on which gales occurred was below average, exceptions being the Inner Hebrides and exposed western coasts of Strathclyde. Over most of England, Wales and Northern Ireland gale frequencies were about or below average, but in some western and south-western coastal areas occurrences were above average. Gales were widespread and severe at times during January. On the night of the 2nd/3rd westerly gales developed and a gust of 110 kt was recorded at the high level station at Snaefell (Isle of Man); severe northerly gales affected many areas on the 11th/12th, when the strong winds, coinciding with high tides, led to much flooding and damage along the east coast of England; and on the 28th and 29th severe northerly gales brought blizzard conditions to northern Scotland. During February, southwestern areas were affected by severe gales on the 1st and 2nd and again on the 18th and 19th. Winds were generally lighter during the first two weeks of March, except along some western and northern coasts, but during the last two weeks of the

month stronger winds occurred and a gust of 79 kt was recorded at Scilly (St Mary's) on the 22nd. Winds occasionally reached gale force on exposed coasts during April, and Tiree in the Inner Hebrides recorded a gust of 61 kt on the 9th. During May, winds were often light, and sea breezes occurred in some coastal districts. Winds reached gale force in the west and north on a few occasions during June, and on the 17th north-easterly gales affected some coastal areas in England and Wales. At the beginning and end of July, gales were reported on exposed western and northern coasts, although winds were generally lighter at other times during the month. During much of August winds were light or moderate, but occasionally became fresh or strong on exposed coasts. Gales were widespread at times during September. On the 11th high winds over England and Wales led to the death of two people and on the evening of the 16th severe gales affected northern Scotland, with gusts of more than 80 kt occurring in Orkney and Shetland. During October, winds were often fresh or strong in exposed places in western and northern areas and occasionally reached gale force. Throughout November gales occurred frequently in the north; at Lerwick, in Shetland, gales were recorded on 14 days during the month, the highest total for any November since 1953. On the 14th Kirkwall (Orkney) recorded a gust of 80 kt and Fair Isle reported a gust of 100 kt. December was also a windy month with frequent gales in exposed places, except during the third week when winds were lighter. On the 7th gusts of over 70 kt were reported from several high-level stations in the north, and on the 12th and 13th gusts of between 70 and 75 kt were recorded in the Isles of Scilly and along the Channel coasts during severe south-westerly gales.

TEMPERATURE

Mean temperatures for the year were within 0.5 °C of average almost everywhere. Values were around or just below average in most areas and exceeded the normal only in parts of Northern Ireland, in some eastern coastal districts of Scotland, and in a few widely scattered areas in north-western England, the Midlands and south-eastern England. Monthly mean temperatures were mostly below normal in January and February, but March was a mild month. Mean temperatures in April were well below average in all districts. May was a month of contrasts with eastern districts of England remaining very cool for much of the month, whilst other areas, and especially Northern Ireland and Scotland, were warm. June, July and August were cool months with mean temperatures below normal in most areas, but the autumn months of September, October and November were mild. Mean temperatures for December were below average in most areas, except in East Anglia and southern counties of England.

January - Monthly mean temperatures were between 0.5 and 1.0 °C below average in Cornwall, in northernmost counties of England and over much of Scotland, but were mostly within 0.5 °C of normal elsewhere. Although the second half of the month was generally colder than the first, there were some cold nights early in the month, the temperature falling to -18.2 °C at Lagganlia in the Scottish Highlands on the 4th.

February - Mean temperatures were below average everywhere. After the first week the weather became very cold; in parts of eastern England the temperature did not rise above 0 °C during the period from the 9th to 13th. In Scotland the lowest temperature reported since 1963 occurred at Keith (Grampian Region) on the 20th when a minimum of -22.0 °C was recorded.

March - This was generally a mild month with mean temperatures above average almost everywhere. The second week was very mild with maxima exceeding 18 °C at one or two places in central England and near the Welsh border in Powys.

April - Monthly mean temperatures were mostly between 1.0 and 2.5 °C below normal. This was the coldest April over England and Wales generally since 1922, over Northern Ireland since 1941 (although 1966 was similar) and over Scotland since 1970. Minima of around -10 °C were recorded at a few places in Scotland and in North Wales on the nights of the 9th/10th and 10th/11th.

May - Most eastern areas remained cool with mean temperatures below normal, but in northern and western parts of the United Kingdom mean temperatures were above average. Districts away from the east coast became very warm towards the end of the month with maxima reaching about 28 °C in one or two places.

June - Although the first few days of the month were warm with maxima exceeding 28 °C at several places, much of the month was cool with mean temperatures below average in most areas.

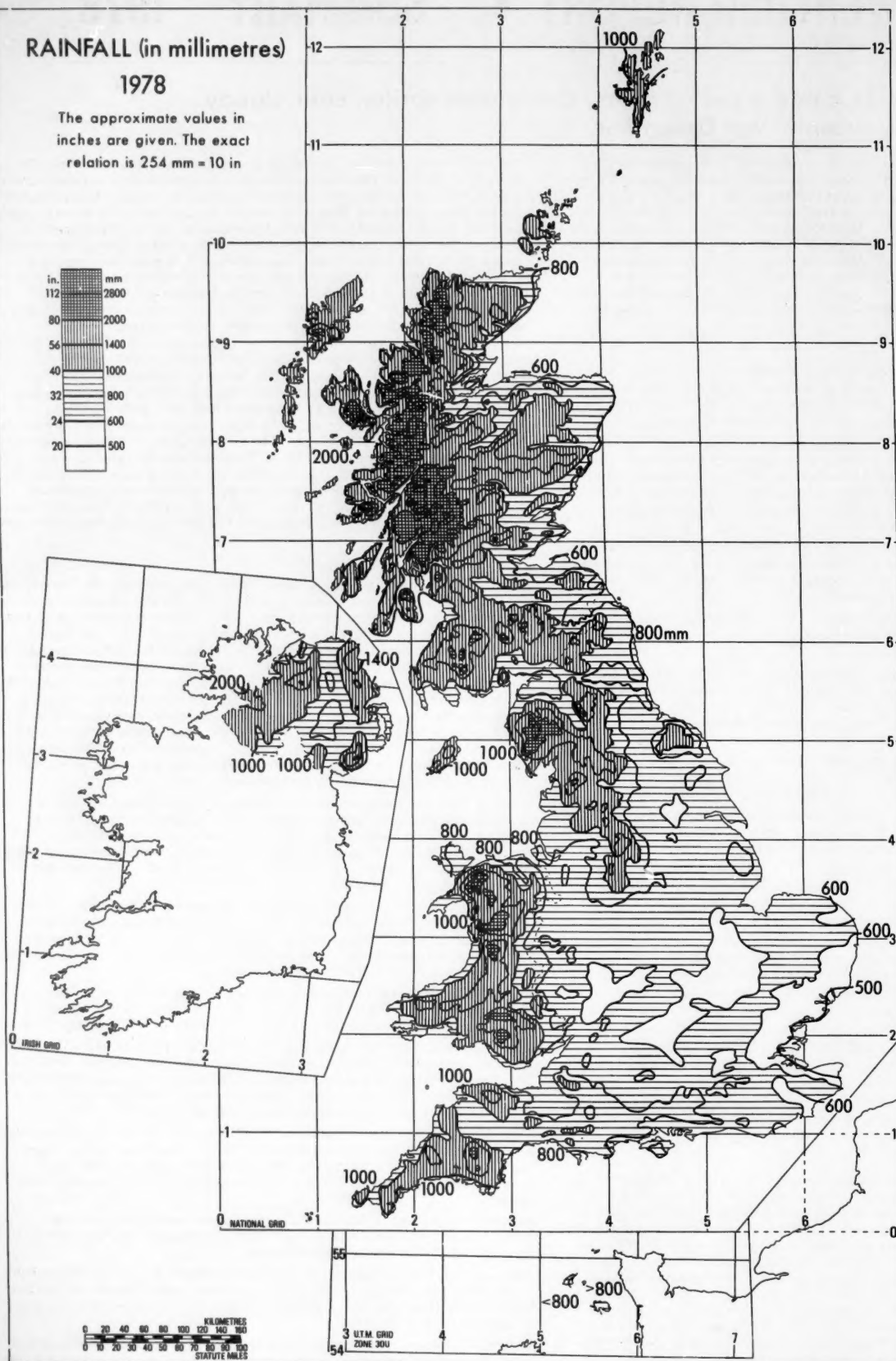
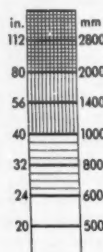
July - Monthly mean temperatures were below average in all areas. Although the month was generally cool, it became warm in many places between the 9th and 17th and again towards the end of the month, when a maximum of 27.6 °C was recorded at Gillingham (Kent).

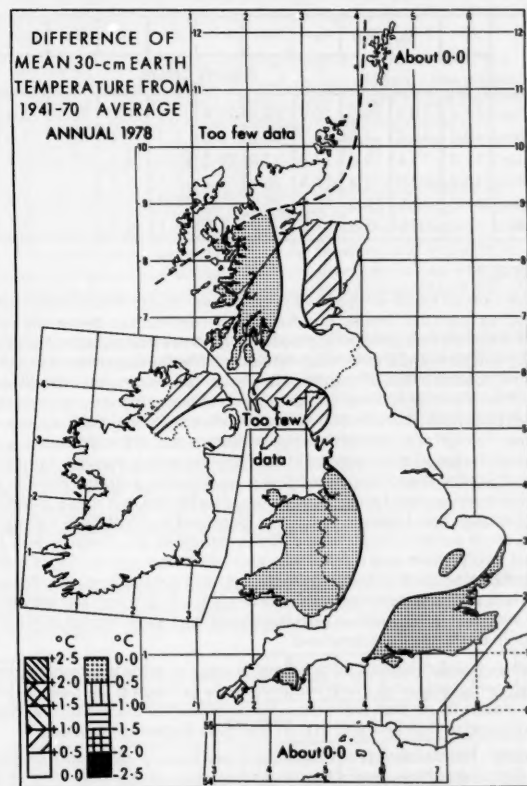
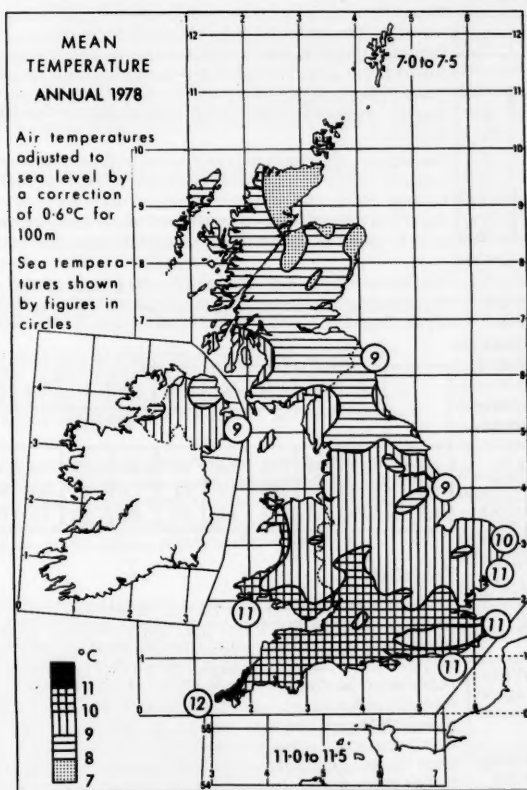
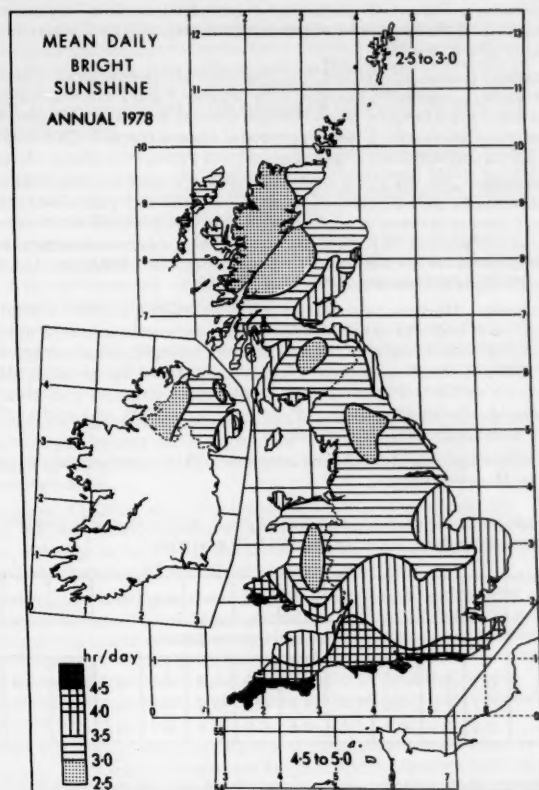
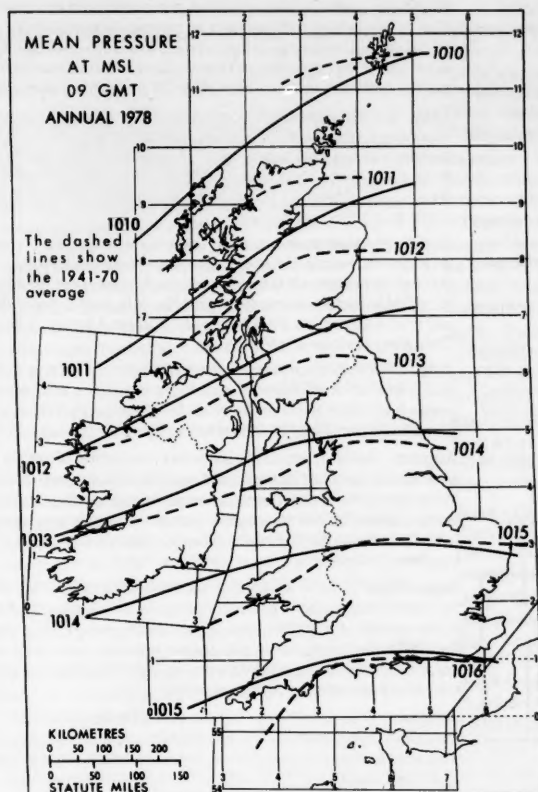
August - This was another cool month with mean temperatures below average, except in eastern Scotland and in the Border counties. The highest temperatures occurred on the 20th when maxima of 26.5 °C were reported in south-eastern England.

RAINFALL (in millimetres)

1978

The approximate values in inches are given. The exact relation is 254 mm = 10 in





September - Monthly mean temperatures were within 1 °C of average almost everywhere. The month started rather cool, but it became very warm in some areas during the second week, temperatures reaching 26 °C at one or two places in East Anglia on the 10th.

October - Except in Shetland, monthly mean temperatures were above average everywhere, exceeding the normal by between 1 and 2 °C in many areas. After the first few days it became warm in many districts and during the second week maxima of at least 25 °C were recorded at several places in East Anglia, the south Midlands and southern England.

November - Despite a very cold spell in the last week, monthly mean temperatures were above average almost everywhere with values more than 2 °C above normal in many districts. The weather was generally mild until the 23rd and maxima of around 18 °C were recorded at several places. It became very cold in the last week with widespread frost, the temperature falling to -11.5 °C at Mepal (Cambridgeshire) on the night of the 29th/30th.

December - Monthly mean temperatures were below average, except in southern counties of England, in parts of East Anglia and in a few places in northern Scotland. After a cold start, most areas became mild until around mid-month; on the 10th the temperature rose to 16.0 °C at Yeovilton (Somerset) and to 16.1 °C at Pen-y-Ffridd (Gwynedd) on the 11th. Colder conditions returned during the third week and, after another mild spell in southern counties, very cold weather spread to all areas at the end of the month.

The following tables have been compiled for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

Departures from the monthly and annual mean temperatures for the District Value Stations from the corresponding 1941-70 averages.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Degrees Celsius													
(a)	-0.1	-1.1	+1.0	-2.0	-0.1	-0.7	-1.2	-0.7	+0.2	+1.2	+1.8	-0.3	-0.2
(b)	-0.7	-1.8	+0.5	-1.4	+1.0	-0.2	-0.9	-0.1	+0.1	+1.1	+1.3	-0.4	-0.1
(c)	-0.4	-0.9	+0.1	-1.5	+0.6	-0.8	-0.6	-0.2	+0.6	+1.5	+1.7	-0.5	0.0

The highest and lowest temperatures recorded at any station in each month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Degrees Celsius												
(a) Max	12.6	15.5	18.3	19.4	28.4	28.4	27.6	26.5	26.1	25.4	18.4	16.1
Min	-12.0	-15.1	-7.5	-11.2	-3.6	-3.6	1.7	0.4	-2.5	-2.5	-11.5	-11.7
(b) Max	11.6	12.4	15.8	17.8	27.0	28.8	25.5	24.0	22.3	20.8	18.1	14.0
Min	-18.2	-22.0	-7.2	-10.5	-5.6	-4.2	-1.1	1.1	-1.7	-2.1	-10.1	-15.2
(c) Max	11.2	12.8	14.0	16.2	25.9	25.6	24.8	23.1	21.8	19.9	17.3	14.0
Min	-7.2	-10.6	-5.6	-7.5	-3.0	1.8	1.7	4.0	3.7	2.2	-9.0	-8.5

RAINFALL

Annual rainfall totals were above average over much of the eastern half of Britain extending from the Greater London area in the south to the Moray Firth in the north. Above-average rainfall also fell in north-western parts of Scotland and in the Central Lowlands, over much of Northern Ireland, in parts of North Wales and in some coastal areas of southern England. Values ranged from 100 to 120 per cent of the normal in these areas. Most remaining districts had less than average rainfall but with values mostly above 80 per cent. During the first three months of the year rainfall was above average in many parts of the United Kingdom but a five-month period commenced in April during which monthly rainfall totals in most of Scotland and Northern Ireland were below average. Rainfall was more variable over England and Wales during this period, but many places recorded less than average. During September, Scotland and Northern Ireland were wet, whilst most areas in England and Wales remained dry. October was a dry month almost everywhere and rainfall was also below average during November over most of England and Wales, where the period from September to November was the driest such period since 1805. Some parts of northern and western Scotland were very wet in November, and December was a wet month in most areas, except in north-western Scotland.

January - Rainfall was about or below average in some western districts, but was above normal elsewhere with monthly totals exceeding 150 per cent of average in many places. More than twice the normal rainfall for the month was reported over high ground in Cumbria and in the Grampian Region of Scotland.

February - Rainfall was below average in extreme south-eastern England, in parts of Wales and north-western England, over much of Northern Ireland and in the western half of Scotland. Monthly totals were above average in most other areas, with more than twice the normal falling in places in eastern Scotland and north-eastern England, in the Channel Isles and in most of south-western England.

March - Monthly totals were below average in parts of Wales, in north-eastern and extreme south-eastern England and in the central Midlands. All other areas had above average rainfall with totals exceeding 200 per cent of normal in some districts. A number of places in Scotland had their wettest March on record and over Northern Ireland it was the wettest March since 1940.

April - Rainfall was above average in eastern coastal areas from the Moray Firth to the Wash and over most of England south-east of a line from the Wash to Torbay. Totals exceeded 150 per cent of normal in parts of eastern Scotland and in Kent. Rainfall was below average almost everywhere else, with less than half the normal being recorded in many places. Parts of western Scotland were particularly dry with totals below 25 per cent of average.

May - Except in parts of north-eastern England and in an area extending from the Humber to the Home Counties, rainfall was below average for the month. Most western areas and a large part of central and southern Scotland recorded less than half the normal, with less than 25 per cent of average falling in places. At Stornoway (Western Isles) and Paisley (Strathclyde) this was the driest May since 1890 and 1895 respectively.

June - Rainfall distribution was rather variable but, in general, totals were below average in most northern and western areas, and over much of southern England. Above-average rainfall was recorded elsewhere: in a broad belt extending from North Wales to Lincolnshire and Norfolk, totals exceeded 150 per cent of the normal. On the 1st, 82.4 mm of rain fell in 2 hours at Heythrop College, near Chipping Norton (Oxfordshire).

July - Monthly totals were generally below average in Northern Ireland and over much of Scotland. Rainfall was more variable over England and Wales, but many areas had more than the normal for the month. There were heavy falls in some places: on the 31st, 71.4 mm fell at Winfrith (Dorset) in 13 hours from 0325 GMT.

August - Rainfall amounts were very variable. Monthly totals were above average in parts of eastern and southern Scotland, north-eastern England, North Wales and in a few isolated areas elsewhere in the United Kingdom. Rainfall totals were mainly below average in remaining areas and some districts were very dry with less than half the normal being recorded in parts of South Wales and southern England.

September - There was a sharp contrast between the rainfall totals recorded in the north and those in the south, values ranging from over 200 per cent of average in the south of Argyllshire to less than 20 per cent in parts of southern England. Rainfall totals were generally above average over much of Scotland and Northern Ireland, and also in parts of north-western and north-eastern England. Most other areas had less than average rainfall.

October - The month was very dry in all areas, except in north-western Scotland. Less than 25 per cent of the average fell in parts of eastern Scotland, and also in an area south of a line from the Humber to south-west Wales, where many places had less than 10 per cent of the normal. At Gravesend in Kent the total rainfall for the month was only 0.1 mm.

November - Rainfall totals over much of Scotland were well above average, although the eastern coastal strip was dry with only about 30 per cent of normal falling in the Aberdeen area. Rainfall was above average over most of Northern Ireland, and also in Wales and in parts of north-western England. Over remaining parts of England less than half the normal fell in many places and along the Sussex coast only about 10 per cent of average rainfall for the month was recorded.

December - Except in the north-west of Scotland, where some places recorded less than 25 per cent of average, monthly rainfall totals were well above the normal. Many places recorded more than twice their normal rainfall, and over Northern Ireland it was the wettest December since records began in 1900 whilst over England and Wales taken together it was the wettest since 1934.

The following table gives monthly and annual rainfall amounts for the District Value Stations, expressed as percentages of the corresponding 1941-70 averages for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Per Cent													
(a)	133	124	136	94	73	110	121	75	64	21	56	204	101
(b)	120	114	183	66	43	73	80	81	126	61	144	108	101
(c)	119	99	163	48	42	66	80	83	101	46	112	192	95

THUNDER

Thunder was reported at times during each month of the year. Throughout the first four months thunderstorms were only scattered, but during the first week of May heavy rain and thunderstorms occurred in parts of eastern and south-eastern England, leading to flooding in places. On 22nd May isolated thunderstorms were reported in Scotland and in Northern Ireland, where 32 mm of rain fell in 30 minutes at Knockbreckan near Belfast. There were further thundery outbreaks in many places on 31st May, and on 1st June severe thunderstorms occurred in many areas; in central England hailstones measuring up to 3 cm were reported, local flooding caused considerable damage and power supplies were disrupted by lightning. Many areas were also affected by storms on 4th June and there were isolated reports of thunderstorms at other times during the month. Thunderstorms occurred in places during the early part of July and again towards the end of the month. During the first half of August scattered thunderstorms were reported in many areas; on the 2nd thunderstorms disrupted electricity supplies in parts of Scotland, and on the 3rd a girl was injured by lightning at Lowestoft (Suffolk). There were scattered thunderstorms during September, and in October isolated thunderstorms occurred during the middle two weeks of the month. Isolated thunderstorms were reported in north-western districts during

November and there were a few reports of thunderstorms during December, mostly in the south and south-west.

SNOW AND SLEET

Snow or sleet fell on more days than average in most areas during January. Shetland, south-eastern Scotland and north-eastern England also had snowfall on more than the average number of days in February, but elsewhere the frequency was about normal. During March snow was reported on about the average number of days in most areas, although there were more occasions than normal in Northern Ireland and over high ground in Scotland, the south Pennines, Wales and Dartmoor. The number of days with snowfall was above average in central and southern England and in Northern Ireland during April; elsewhere occurrences were about average. Sleet showers were reported in Shetland early in May, and over the higher parts of the Scottish mountains there were isolated reports of snow or sleet in each month from May to September. Snow patches continued to lie at high levels in Scotland throughout the summer and it was not until late September that the last observed patches finally thawed. There were several occasions during October when snow or sleet was reported in Shetland and also over high ground in Scotland, England and North Wales. During November and December the number of days with snowfall was about average in most districts.

January - Snow fell in northern districts of the United Kingdom at the beginning of the month, but also affected many other areas between the 9th and 12th and from the 16th onwards. Snowfall was heavy in northern areas on the 10th and again in northern and eastern Britain on the 19th. The heaviest falls, however, were at the end of the month when, on the 28th and 29th, north-eastern Scotland experienced a severe blizzard which brought considerable hardship to the area.

February - During the middle two weeks all areas had showers or longer periods of snow at times. On the 12th Edinburgh had its heaviest snowfall since 1955, when level depths of between 20 and 25 cm were measured in the city. On the 18th and 19th south-western England and South Wales were affected by an unusually severe blizzard: drifts of at least 6 m were reported over a wide area and several towns and villages were isolated for some days.

March - There were scattered showers of snow or sleet in parts of Scotland during the first week, but snowfall became rather more widespread around mid-month. Snow did not lie for long on low ground, but the upper slopes of the Scottish mountains were snow-covered throughout the month.

April - Falls of snow or sleet were mostly confined to the periods between the 9th and 15th and between the 25th and 28th. The heaviest falls were on the 10th and 11th when many parts of the United Kingdom were affected: a level depth of 20 cm was reported at Bedford on the evening of the 10th.

May - Sleet showers occurred in Shetland at the beginning of the month and the higher slopes of the Scottish mountains remained snow-covered throughout the month.

June, July and August - There were isolated reports of snow or sleet over high ground in Scotland.

September - Sleet fell in the central Highlands of Scotland on the 23rd and 24th. Patches of lying snow which had been observed on the higher slopes of the Cairngorms finally disappeared during the third week.

October - Snow showers occurred in Shetland on the 20th and 24th, but otherwise reports of snow were restricted to mountain areas in North Wales, the Pennines and Scotland.

November - Scattered showers of snow or sleet occurred at times in northern areas between the 12th and 23rd, but snow showers were reported in many areas from the 24th onwards. Snow covered the higher Scottish mountains during the last week and also lay on high ground in Wales and in northern and south-western England.

December - Scattered snow showers fell during the first few days of the month and between the 20th and 23rd falls of snow were more widespread. During the last few days of the month there were frequent falls of snow in all areas and strong easterly winds led to considerable drifting; drifts of up to 2 m were reported in the central Highlands of Scotland, on the Yorkshire Wolds and on Dartmoor.

SUNSHINE

Annual sunshine totals were below average in most districts with values generally between 80 and 100 per cent of normal. Only in isolated areas in Northern Ireland, in the north Midlands and in south-west England were totals above average with values around 105 per cent. Sunshine totals were rather variable during the first three months of the year, although January was quite sunny in some areas. April was dull in most districts, but May was sunny in Scotland and in parts of England and Wales. The summer months of June, July and August were dull in many districts and in parts of Scotland the remaining months of the year were also rather dull. September was sunny over much of England and Wales, but it continued generally dull in Northern Ireland. Although October sunshine totals were below average in parts of Scotland, England and Wales, Northern Ireland had a sunny month; this ended a spell of seven consecutive months when sunshine totals were below average in the Province. Some parts of England and Wales were quite sunny in November, but December was dull in most areas, except in Northern Ireland.

January - Monthly sunshine totals were below average in East Anglia, the east Midlands, Lincolnshire and Kent, and over northern Scotland. All other areas had more than normal for the month, with totals exceeding 150 per cent of average in places. It was the sunniest January at Torbay (Torquay) and Teignmouth in south Devon since 1952, at Springburn Park in Glasgow since 1959 and over Northern Ireland as a whole since 1963.

February - Sunshine totals were above average over much of the western half of Scotland, in Shetland and in parts of Northern Ireland. Totals were below normal in most other areas with values generally between 70 and 100 per cent of average, although a few places recorded only about 50 per cent.

March - Monthly totals were above average in south-eastern parts of Northern Ireland, in Shetland and Orkney, along eastern coasts from the north of Scotland to East Anglia, in North Wales and also in parts of central and southern England. Sunshine was mostly below average elsewhere.

April - Except in Shetland, sunshine was below average almost everywhere and in Edinburgh it was the dullist April since 1901. Monthly totals were between 75 and 100 per cent of the normal in most western and northern parts of the United Kingdom, but were only between 50 and 75 per cent in many other areas.

May - Sunshine totals were a little below average in south-eastern England and East Anglia, in Northern Ireland and in parts of western Scotland. Elsewhere, totals were mostly between 100 and 120 per cent of average, but exceeded 130 per cent in the Aberdeen area.

June - Only in parts of eastern, central and southern Scotland was sunshine above average. Monthly totals elsewhere were mostly between 80 and 100 per cent of normal, although in Northern Ireland and in some places in Wales and central England only between 60 and 80 per cent was recorded.

July - Monthly totals were below normal almost everywhere in England and Wales. Values were between 50 and 75 per cent of average in parts of Lincolnshire, East Anglia, South Wales and all southern counties of England, except Cornwall; Southampton had its dullist July since 1944. Sunshine was also below average over much of Northern Ireland and in the east and north of Scotland, where Baltasound in Shetland recorded only 66.5 hours, the lowest July total there since records began in 1906.

August - Except in southern counties of England, sunshine totals were below average. In one or two places in south-west England and the Channel Islands, totals exceeded 120 per cent of normal, but many areas were very dull with less than 75 per cent of average. Parts of western Scotland had only just over half the normal sunshine for the month and over Northern Ireland it was the dullist August since 1942.

September - In Scotland, sunshine was above average in the north-east, but below average in other districts. Northern Ireland, the Isle of Man, a few places in North Wales and most of northern England away from eastern coasts also had less than normal sunshine for the month. Almost all remaining districts in England and Wales had above-average sunshine with about 140 per cent of normal being recorded in parts of south Devon.

October - In Northern Ireland this was the sunniest October since 1959 and Hillsborough in Co. Down recorded more than 140 per cent of its normal. Monthly totals were also above average in Shetland, in parts of western Scotland, along the east coast of Scotland and England north of the Humber, and in places in southern counties of England and Wales. Most remaining areas had less than average sunshine for the month with values generally between 80 and 100 per cent of the normal.

November - Sunshine was above average in eastern Scotland, in the Channel Islands and over most of England and Wales. Some places were very sunny, with over 160 per cent of the normal being recorded in parts of the Midlands and eastern England. In contrast, some places in western Scotland were very dull, with less than 65 per cent of average in the Hebrides. The Isle of Man and most of Northern Ireland also recorded less than average sunshine.

December - Monthly totals were above average over Northern Ireland and also in western areas of Britain, but were below average almost everywhere else. Much of England and Scotland, away from the west, had a dull month with less than 50 per cent of average sunshine being recorded in parts of north-east England and east Scotland.

The following table gives monthly and annual values of sunshine for the District Value Stations, expressed as percentages of the corresponding 1941-70 averages for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	Per Cent												
(a)	102	78	104	72	103	81	79	86	111	91	126	76	90
(b)	105	99	94	77	111	94	89	74	83	91	96	76	91
(c)	122	102	98	78	89	75	93	64	86	112	87	118	88

The 10 stations with complete records which had the highest sunshine totals were:-

Station	Hours	Station	Hours
L'Ancrese (Guernsey)	1880.8	Shanklin (Isle of Wight)	1824.2
St. Helier (Jersey)	1879.5	Lizard (Cornwall)	1798.4
Torbay (Torquay) (Devon)	1853.7	Jersey Airport	1785.4
Gorey Castle (Jersey)	1832.9	Prawle Point (Devon)	1763.6
Penzance (Cornwall)	1827.2	Guernsey Airport	1757.5

The 3 stations in Northern Ireland, Scotland and Wales which had the highest sunshine totals were:

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Ballywalter Park (Co. Down)	1421.0	Kildonan (Strathclyde)	1427.1	Dale Fort (Dyfed)	1723.9
Silent Valley (Co. Down)	1354.7	Girdstingwood (Dumfries & Galloway)	1393.0	Tenby (Dyfed)	1674.8
Murlough (Co. Down)	1351.1	Arbroath (Tayside)	1389.2	Porthcawl (Mid Glamorgan)	1628.8

The stations which had the highest sunshine totals in each month are listed below. Where the highest total occurred in the Channel Islands, the station with the next highest total (outside the Channel Islands) has also been included.

Month	Station	Hours
January	Torbay (Torquay) (Devon)	95.1
February	Poolewe (Highland)	101.1
March	Whitby (North Yorkshire)	145.9
April	Ronaldsway (Isle of Man)	183.9
May	Dale Fort (Dyfed)	273.0
June	Shanklin (Isle of Wight)	244.8
July	St. Helier (Jersey)	201.1
August	Kildonan (Strathclyde)	199.3
	L'Ancrese (Guernsey)	291.4
	Lizard (Cornwall)	261.4
September	L'Ancrese (Guernsey)	218.5
	Torbay (Torquay) (Devon)	218.2
October	Eastbourne (East Sussex)	137.8
November	Worthing (West Sussex)	103.2
December	St. Mawgan (Cornwall)	72.3

FOG

Fog developed in inland areas on occasions during each month of the year. In January, February, November and December freezing fog was reported at times. During these months, and also in March and October, dense fog was sometimes slow to clear and occasionally persisted all day. Hill and coastal fog was also reported at times during each month.

January - Much of the month was too windy for the development of widespread fog in inland areas. However, fog formed in many places on the nights of the 7th/8th and 17th/18th and persisted during the following day in parts of eastern England.

February - Patches of fog formed at times throughout the month and on the 7th was slow to clear in parts of central England and west Wales. Extensive hill fog was reported on the 25th and 26th.

March - Overnight fog in inland areas mostly occurred during the first two weeks and generally cleared quickly after sunrise, but on the night of the 3rd/4th fog developed widely over England and Wales and was slow to clear in places. Extensive hill and coastal fog was reported in the north and west between the 7th and 10th.

April - Fog occurred most frequently during the first week, from about the 17th to 24th and towards the end of the month. Eastern counties of Scotland and England, and the Midlands, were the most affected areas and fog formed extensively on coasts and hills at times.

May - Overnight fog patches formed from time to time, and during the first week became dense in places. Coastal fog was persistent at times, particularly during the second half of the month.

June - Patches of overnight fog developed in many inland areas at the beginning of the month and also during the third week, but soon cleared after sunrise. Coastal fog was more persistent, however, particularly in south-western districts and in the north of Scotland.

July - Fog affected western and northern coasts fairly frequently and also occurred in eastern Scotland and north-eastern England towards the end of the month. Patchy overnight fog formed in inland areas during the second week and also later in the month.

August - Fog patches in inland areas mostly occurred during the middle two weeks, but coastal fog was reported from time to time throughout the month and was widespread and persistent in northern Scotland and in the Northern Isles during the first week.

September - Most of the fog which formed in inland areas occurred between the 3rd and 11th or between the 19th and 25th. Fog mostly cleared quickly after sunrise in inland areas, but coastal fog was more persistent at times, chiefly affecting northern Scotland, west Wales, south-west England and the Channel Islands.

October - Overnight fog occasionally formed in inland areas during the first week but occurred more frequently during the second week and again towards the end of the month. Fog was widespread and dense in many places between the 12th and 14th and again in parts of England between the 27th and 29th.

November - Patches of fog formed in many areas during the first two weeks of the month and became dense in South Wales and in central and southern England between the 9th and 12th. Towards the end of the month freezing fog became dense in some places, persisting all day on the 29th in parts of the south Midlands and again on the 30th in the Vale of York and east Midlands.

December - Fog developed fairly frequently in eastern, central and south-eastern England during the first week and also between the 18th and 23rd. The fog was dense and freezing at times, persisting all day in places. Patches of fog also affected parts of southern Scotland at times.

MISCELLANEOUS PHENOMENA

On 3rd January whirlwinds were reported in Hull (Humbly Grove) and in Newmarket (Suffolk), where extensive damage occurred. Small tornadoes were also reported to have caused some damage to property in Macclesfield (Cheshire) and Walsall (Staffordshire) on 1st June. There were reports of funnel clouds during May and July: on 15th May numerous reports were received from places in Somerset, Oxfordshire, Norfolk, Suffolk and Essex, and during July a funnel cloud was observed over the sea to the north of Manston (Kent) on the 20th and another over the North Downs near Gatwick Airport (West Sussex) on the 30th. Waterspouts were also reported on two occasions; off Jersey in the Channel Islands on 26th September and near Scarborough (North Yorkshire) on 27th November.

Table 1 District values

1978

DISTRICT	air temperature °C					mean 30-cm earth temp °C	raindays	rainfall	sunshine
	Highest Max*	Lowest Min*	max	min	mean				
			difference from average						
0 Scotland N	28.5	-10.5	-0.4	-0.2	-0.2	-0.2	+3	99	88
1 Scotland E	26.7	-20.5	-0.3	+0.2	0.0	+0.5	+7	108	95
2 England E & NE	28.4	-14.2	-0.4	-0.1	-0.3	+0.3	+10	116	85
3 East Anglia	28.4	-10.2	-0.4	+0.1	-0.2	0.0	+6	102	88
4 Midland Counties	27.0	-10.9	-0.3	0.0	-0.2	+0.1	+3	101	92
5 England SE & Central S	27.5	-9.4	-0.2	+0.1	-0.1	-0.1	+1	95	91
6 Scotland W	28.5	-13.9	-0.3	+0.1	-0.1	+0.2	+3	97	89
7 England NW & Wales N	27.8	-10.0	-0.4	+0.2	-0.1	-0.1	+4	99	90
8 England SW & Wales S	27.1	-9.8	-0.3	-0.1	-0.2	0.0	-2	94	96
N Ireland	24.6	-8.4	-0.2	+0.3	0.0	+0.3	+1	95	88
Scotland	28.5	-20.5	-0.3	0.0	-0.1	+0.2	+4	101	91
England & Wales	28.4	-14.2	-0.3	0.0	-0.2	0.0	+4	101	90

† Highest maximum and lowest minimum of District Value Stations

Table 2 Solar radiation

1978

Station	Daily global irradiation on a horizontal surface (megajoules per square metre)						Daily diffuse irradiation on a horizontal surface (megajoules per square metre)					
	Max.	Date	Min.	Date	Daily Mean	No. of Days	Max.	Date	Min.	Date	Daily Mean	No. of Days
Lerwick	30.2	Jun 17	0.0	Dec 10, 11, 12	7.7	362	14.6	Jun 24	0.0	Dec 10, 11, 12	4.9	362
Aberdeen University	28.8	May 30	0.1	Dec 26	8.2	364						
Eskdalemuir	28.3	May 9	0.1	Dec 25	8.1	364	14.4	Jun 12	0.1	Dec 2	4.8	364
Moor House	31.0	Jun 18	0.1	Nov 14	7.9	363						
Sutton Bonington												
Grafham Water												
Aberporth	31.1	Jun 18	0.6	Dec 11	9.9	358	15.1	Jun 1	0.6	Dec 11, 23, 27	5.7	358
Cardington	29.3	May 25	0.4	Dec 27			15.2	Jul 15	0.4	Dec 27		
Silsoe	29.5	May 25	0.4	Dec 27	9.2	365	15.2	Jul 15	0.3	Dec 27	5.7	365
Rothamsted												
Garston												
Wallingford	26.6	May 26	0.3	Jan 11	8.4	365						
London Weather Centre	30.6	May 25					13.5	Jul 14				
Kew	29.6	May 25	0.3	Dec 21	8.9	364	13.6	May 19	0.3	Dec 21	5.5	364
Easthampstead	29.9	May 25	0.4	Jan 16	9.2	361	14.9	May 19	0.4	Jan 16	5.5	362
		Jun 18		Dec 21						Dec 21		
East Malling	29.6	Jun 18	0.1	Dec 20	9.1	364						
Rustington												
Wareham	29.4	Jun 18	0.1	Dec 27	10.1	365						
Jersey Airport	31.4	Jun 25	0.6	Dec 16	11.5	365	16.5	Jun 14	0.6	Jan 15	6.0	365
										Dec 16		
Aldergrove	30.7	Jun 17	0.3	Dec 27	8.7	362	13.9	May 30	0.3	Dec 8, 27	5.5	362

Table 3 Summary of daily observations

1978

District Region/County and Place	max. min.	terminal h(GMT) min. of observation height of station above MSL (metre)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)												bright sunshine					
			means of				highest max. lowest min.	30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941 - 70 average	most in a day		precipitation		snow or sleet	snow lying at 9h	hail	ice pellets etc.	thunder heard	fog at 9h	air frost	grass min. below 0 °C.	concrete min. below 0 °C.	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure			
			max. (a)	max. (b)	daily mean (mean of a + b)	difference from 1941 - 70 average	max.					min.	amount (mm)	date	0.2 mm or more														1.0 mm or more		
0 SCOTLAND N																															
Shetland																															
Balsasound	9.9	24	9.3	4.0	6.7	-0.6	21.3	-7.8	7.3	-	1144	100	23	30 Jul	268	205	71	29	8	11	3	3	63	-	45	2.62	94	-	-		
Fair Isle	9.9	57	8.6	5.6	7.1	-	16.2	-6.1	7.7	7.8	874	-	30	4 Oct	241	170	70	24	26	51	5	21	33	74	-	93	3.06	-	-		
Lerwick	21.0	82																													
Psychrometer			8.5	4.9	6.7	-0.4	19.3	-6.6	-	-	1043	-	26	27 Jan 30 Jul	250	189	80	24	16	44	6	21	45	99	88	37	2.77	95	-	-	
Screen			8.6	4.7	6.7	-	20.0	-6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orkney																															
Kirkwall Airport	21.0	26	9.7	5.1	7.4	-0.4	20.8	-5.7	-	-	1071	104	39	4 Oct	255	194	73	20	19	48	6	8	40	82	81	23	2.85	89	-	-	
Weyland	9.9	24	9.9	6.4	7.7	-	20.7	-4.7	8.0	-	(1012)	-	38	4 Oct	(237)	(190)	62	22	5	20	4	15	34	99	-	27	-	-	-	-	
Western Isles																															
Benbecula	21.0	6	10.9	6.4	8.7	-0.2	24.6	-5.3	-	-	1166	-	38	8 Oct	268	195	45	3	8	28	4	2	38	82	65	23	3.20	86	-	-	
Stornoway	21.0	15	10.3	5.8	8.1	-0.2	22.8	-6.8	-	-	1154	-	26	9 Nov	260	194	48	13	17	35	6	1	44	74	63	12	3.09	91	-	-	
Highland																															
Achnary	9.9	107	10.5	3.2	6.9	-	25.4	-15.9	7.4	-	1060	-	30	4 Oct	240	(188)	45	47	2	5	2	1	85	148	-	15	2.65	-	-	-	
Achnashellach	9.9	67	11.4	4.5	7.9	0.0	27.2	-9.0	-	-	2179	101	59	5 Oct	268	214	52	40	4	0	6	-	64	-	-	2	-	-	-	-	
Balmacara	9.9	4	-	-	-	-	25.4	-5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cape Wrath	21.0	112	9.4	5.6	7.5	-0.4	22.9	-5.1	-	-	1309	113	60	4 Oct	241	202	55	21	14	29	2	34	33	46	59	57	2.83	-	-	-	
Casley	9.9	99	(10.5)	3.8	(7.1)	-	25.5	-16.0	-	-	(1851)	-	67	5 Oct	257	(212)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corrach	9.9	8	(5.1)	-	-	-	-7.2	-	-	-	(1657)	-	70	13 Nov	(223)	(186)	25	-	0	4	1	0	51	106	-	0	-	-	-	-	
Craigdarroch	9.9	38	-	-	-	-	27.4	-14.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dalcross	9.9	11	11.1	4.8	7.9	-	24.2	-16.0	-	-	658	-	23	14 Nov	203	128	-	-	-	-	-	-	54	110	-	6	-	-	-	-	
Dalwhinnie	9.9	351	9.4	(2.3)	(5.9)	-	23.6	-15.0	-	-	1182	-	69	7 Dec	(232)	(184)	68	-	0	0	1	10	11	141	-	1	2.57	-	-	-	
Diatrag	9.9	60	11.5	6.1	8.8	-	26.5	-6.0	-	-	1394	-	65	28 Aug	248	197	38	22	4	16	11	-	37	-	14	-	-	-	-	S	
Donnery	9.9	21	(10.8)	(4.7)	(7.7)	-	26.0	(-10.0)	-	-	(888)	(99)	(29)	28 Jan	(237)	(186)	-	-	-	-	-	-	55	90	-	-	-	-	-	-	
Fort Augustus	9.9	21	11.3	4.9	8.1	0.0	27.4	-10.3	-	-	1073	-	33	28 Jan	210	161	40	25	2	5	5	6	61	-	5	2.51	89	-	-	-	
Fortrose	9.9	5	10.5	-	-	-	22.0	-	-	-	606	83	30	14 Nov	187	128	-	-	-	-	-	-	-	-	-	-	2.77	82	-	-	
Geisgill	9.9	12	(11.0)	-	-	-	26.2	-	-	-	(1352)	-	35	2 Nov	(248)	(212)	-	-	-	-	-	-	-	-	-	-	2.90	-	-	-	
Glenmore Lodge	9.9	341	-	-	-	-	24.4	-16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Grantown-on-Spey	9.9	229	10.4	2.6	6.5	-	25.5	-20.1	-	-	865	-	(64)	28 Jan	230	145	62	73	0	5	2	5	112	189	-	1	2.84	-	-	-	
Hesate	9.9	109	-	-	-	-	25.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness	9.9	4	-	-	-	-	26.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverpolly	9.9	14	-	-	-	-	26.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Isle of Rhum	9.9	5	-	-	-	-	25.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Keiss	9.9	30	10.1	4.6	7.3	-	19.8	-8.7	8.1	8.1	749	-	28	28 Jan	231	154	43	24	12	19	2	7	60	99	-	24	3.27	-	-	-	
Knockanrock	9.9	244	-	-	-	-	24.5	-10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lagganlis	9.9	250	10.5	2.6	6.5	-	25.4	-21.5	-	-	862	-	34	28 Jan	215	160	72	64	0	1	1	7	105	154	-	13	-	-	-	-	
Lairg	9.9	107	10.7	3.0	6.9	-	25.9	-17.3	7.4	7.4	1139	-	32	4 Oct	249	185	68	48	12	3	3	15	98	137	-	3	-	-	-	-	
Lemran	9.9	146	10.5	3.7	7.1	-	25.2	-11.5	-	-	(781)	-	34	4 Aug	(201)	(138)	46	-	0	12	3	9	83	152	-	23	-	-	-	-	
Nairn	9.9	6	11.1	4.4	7.7	-0.6	24.6	-14.9	-	-	642	105	26	15 Mar	196	130	42	20	2	20	1	0	69	117	-	11	3.27	93	-	-	
Onich	9.9	15	12.1	4.9	8.5	-0.1	28.5	-10.0	-	-	1824	90	55	14 Nov	224	208	-	16	-	-	-	10	51	110	-	-	2.27	79	S	-	
Poolewe	9.9	6	11.5	5.8	8.7	-	28.8	-9.1	-	-	1582	-	61	8 Oct	254	198	43	21	1	31	8	0	39	60	-	12	2.93	-	-	-	
Prabost	9.9	67	10.9	5.1	8.0	-	26.1	-6.2	-	-	1423	79	50	8 Oct	267	211	31	37	7	44	6	0	48	115	-	40	2.96	-	-	-	
Strathconon	9.9	107	-	-	-	-	26.7	-15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tarbertness	21.0	18	10.5	5.6	8.1	-0.2	23.2	-7.5	-	-	613	-	20	15 Mar	196	139	29	19	0	8	1	7	41	-	-	12	-	-	-	-	
Tomatin	9.9	311	-	-	-	-	25.1	-15.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Torrisdale	9.9	27	10.6	4.7	7.7	-	26.1	-11.8	-	-	904	-	25	4 Oct	241	184	37	18	2	17	3	4	46	106	-	14	3.00	-	-	S	
Wick	21.0	36	9.9	5.0	7.5	-0.2	21.1	-10.5	-	-	741	94	33	28 Jan	231	156	51	17	21	2	9	53	107	82	7	3.23	93	-	-	-	

Table 3 (continued)

District Region/County and Place	max. min. of observation	terminal h (GMT) min. of observation height of station above MSL (metres)	air temperature in °C					mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)										bright sunshine					
			means of		highest max. lowest min.	difference from 1941 - 70 average	max.	min.	30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1941 - 70 average	amount (mm)	date	precipitation		snow or sleet snow lying at 9h	hail	ice pellets etc.	thunder heard	fog at 9h	air frost	grass min. below 0 °C. concrete min. below 0 °C.	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure	
			max. (a)	max. (b)											0.2 mm or more	1.0 mm or more												
1 SCOTLAND E																												
Grampian																												
Aberdeen																												
Dyce Airport	21-9	58	10.9	4.6	7.7	0.0	25.4	-15.4	-	-	877	106	36	27 Jan	193	140	68	27	6	37	3	7	79	126	91	2	3.58	98
Balmoral	99	283	10.1	2.5	6.3	-0.2	24.0	-19.5	-	-	(886)	(106)	(30)	28 Jan	(218)	(148)	56	66	0	0	0	0	108	159	-	3	-	-
Banchory	99	94	11.6	4.2	7.9	-	27.1	-12.4	-	-	1020	-	42	8 Dec	190	132	59	36	0	18	2	2	76	98	84	6	3.14	-
Benff	99	24	10.8	5.7	8.3	-	25.7	-9.0	-	-	687	91	27	28 Jan	208	139	35	21	5	12	3	7	38	-	-	33	3.28	-
Braemar	99	339	10.2	2.6	6.4	0.0	24.8	-20.5	-	-	(1033)	-	52	3 Jul	(227)	(159)	78	80	3	4	2	6	103	161	-	25	3.04	-
Clashnoir	99	338	9.5	2.7	6.1	-	24.6	-15.5	8.6	-	866	102	34	22 Feb	202	147	44	29	1	4	2	18	63	119	-	3	3.67	97
Draibetone	99	91	10.6	4.4	7.5	-0.2	24.2	-11.8	8.1	8.2	809	116	27	27 Jan,	203	138	25	-	0	0	1	16	65	118	-	3	-	-
Culterty	99	3	10.7	4.5	7.6	-	22.6	-15.2	-	-	-	-	-	2 Aug	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elgin	99	15	-	-	-	-	-	-	-	-	-	-	-	15 Mar	212	147	36	-	0	2	1	-	48	94	-	4	-	-
Forthill	99	40	10.1	4.9	7.5	-	21.5	-11.0	-	-	850	-	32	3 Jul	203	138	47	18	0	4	3	2	58	121	-	0	3.03	85
Forres	99	5	11.6	5.0	8.3	0.0	26.5	-16.1	9.3	8.9	684	-	31	3 Jul	203	138	47	18	0	4	3	2	58	121	-	0	3.03	85
Fraserburgh	21-9	19	-	5.7	-	-	23.6	-15.0	-	-	(697)	(101)	23	15 Mar	196	142	38	7	3	5	2	9	39	71	71	28	3.32	-
Fyvie Castle	99	55	10.9	3.5	7.2	-	25.0	-20.0	-	-	(959)	(110)	38	3 Jul	(233)	(167)	34	-	0	0	5	-	80	119	-	36	-	-
Gartly	99	146	10.7	3.7	(7.2)	-	25.8	-19.3	-	-	(1068)	-	60	3 Jul	(207)	(159)	-	-	-	-	-	-	75	138	-	-	-	-
Glenlivet	21-9	215	10.4	3.5	6.9	-	25.6	-17.8	-	-	995	105	67	3 Jul	232	160	72	61	2	3	1	10	97	128	117	2	3.15	-
Inverurie	99	54	11.4	3.7	7.5	-	24.9	-19.1	-	-	895	-	38	27 Jan	198	145	49	33	3	1	4	5	86	141	-	0	3.34	-
														3 Jul														
Keith	99	106	10.9	3.4	7.1	-	26.4	-22.0	-	-	(939)	-	54	3 Jul	(218)	(161)	51	34	2	5	2	-	85	143	-	4	3.32	-
Kinloss	21-9	5	11.2	5.2	8.2	-0.1	25.9	-14.3	8.7	-	640	100	24	15 Mar,	196	137	54	20	0	28	1	0	65	128	86	10	3.17	-
														3 Jul														
Lossiemouth	21-9	6	11.1	4.8	7.9	-	26.9	-15.1	-	-	667	102	41	28 Jan	214	145	59	21	0	25	1	4	69	117	90	7	-	-
Tayside																												
Arbroath	99	29	10.9	5.8	8.3	-	23.4	-7.9	-	-	689	106	33	27 Jan	172	124	14	15	0	1	0	17	40	105	-	0	3.80	93
Ardtalnaig	99	130	11.4	4.7	8.1	-	25.8	-9.8	-	-	1310	103	53	7 Dec	225	174	44	35	0	5	3	3	61	118	-	5	3.00	-
Dall	99	232	10.7	-	-	-	25.0	-15.7	-	-	1227	108	58	7 Dec	223	166	55	61	0	3	0	12	-	-	-	1	-	-
Drummond Castle	99	113	11.3	4.0	7.7	-	25.3	-13.3	8.7	-	1255	-	45	14 Nov	209	163	28	54	0	0	1	-	86	132	-	0	3.61	-
Dundee	99	45	(11.7)	5.5	(8.6)	(+0.1)	24.4	-9.9	9.3	-	867	115	42	27 Jan	176	134	32	30	0	8	1	22	52	110	-	4	3.64	100
Faskally	99	94	11.5	4.2	7.9	-	25.5	-12.2	8.7	9.0	901	103	36	7 Dec	203	149	47	39	0	0	1	2	82	138	-	1	-	-
Kindrogon	99	259	10.1	2.6	6.3	-	24.0	-13.4	-	-	1078	-	59	7 Dec	206	152	56	68	0	6	0	8	108	180	-	9	-	-
Kinross	99	116	-	-	-	-	24.6	-15.2	-	-	1018	-	34	24 Dec	185	152	-	-	-	-	-	-	-	-	-	-	-	-
Montrose	99	57	10.9	4.9	7.9	-	24.7	-11.6	-	-	751	103	40	27 Jan	173	128	35	22	11	6	4	14	59	102	-	3	-	-
Mylnfield	99	30	11.4	5.2	8.3	-	23.7	-11.2	9.0	8.8	897	107	44	27 Jan	187	132	27	27	0	3	1	15	59	117	-	2	3.59	-
Perth	99	23	(12.1)	4.4	(8.3)	(+0.1)	27.0	-14.0	-	-	(890)	(114)	35	8 Dec	(171)	(141)	-	-	-	-	-	-	8	74	-	-	-	-
Strathallan	99	41	11.9	4.8	8.3	-	25.6	-13.0	-	-	912	-	38	27 Jan	195	137	36	41	5	7	6	7	66	126	-	6	-	-
Uvan	21-9	30	10.5	5.7	8.1	-	23.0	-6.9	-	-	832	-	32	27 Jan	169	116	30	17	0	4	3	10	43	75	75	23	3.68	-
Whitehills	99	258	10.6	3.2	6.9	-	24.2	-11.4	-	-	(1445)	(122)	77	7 Dec	(204)	(152)	58	66	0	0	0	4	92	-	-	1	-	-
Fife																												
Belliston	99	82	11.1	5.4	8.3	-	23.0	-6.6	9.2	-	820	108	36	27 Apr	190	143	31	27	0	13	3	24	51	112	-	7	-	-
Cupar	99	36	11.6	4.6	8.1	-	25.2	-17.1	9.0	-	836	-	41	27 Apr	194	138	28	32	0	9	1	-	75	118	-	5	3.61	-
Glenrothes	99	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leuchars	21-9	10	11.3	5.1	8.2	-0.3	24.0	-14.0	-	-	799	121	36	27 Jan	183	129	47	24	2	11	2	13	68	114	100	4	3.74	92
Pitreevie	21-9	40	11.5	5.7	8.6	-	24.5	-9.7	-	-	808	114	29	27 Apr	202	152	40	29	8	3	8	6	58	-	-	8	-	-
St Andrews	99	18	-	-	-	-	24.0	-11.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3.60	-
Lothian																												
Bush House	99	184	10.7	4.4	7.5	-	24.4	-13.6	8.4	8.5	812	94	20	11 Feb, 27 Apr,	219	156	43	42	1	3	1	11	67	130	-	3	2.77	-
														3 Jul,														
Dunbar	99	23	11.4	6.0	8.7	0.0	23.0	-7.3	-	-	(677)	(119)	24	27 Apr	(187)	(133)	26	22	5	1	1	9	39	-	-	4	3.79	91
Edinburgh																												
East Craigs	99	61	11.5	4.5	8.0	-	24.5	-15.0	9.3	-	680	-	29	27 Apr	192	134	33	26	7	0	7	8	71	118	-	4	3.53	-
Royal Botanic Garden	99	26	11.8	5.5	8.7	0.0	24.5	-10.7	9.4	-	660	100	24	27 Apr	185	128	28	28	0	5	4	8	59	124	-	2	3.40	93
Royal Observatory																												
Blackford Hill	99	134	11.4	5.2	8.3	-0.3	24.3	-7.5	-	-	(675)	(100)	29	3 Jul	(175)	(123)	20	27	1	1	2	11	56	-	-	8	3.21	86
Turnhouse Airport	21-9	35	11.8	5.2	8.5	0.0	26.1	-16.6	-	-	699	99	27	27 Apr	198	136	48	27	2	14	6	7	67	124	93	5	3.22	91
Haddington	99	49	11.8	4.8	8.3	-	25.3	-16.0	-	-	644	105	28	27 Dec	185	122	31	26	3	8	3	3	68	-	-	7	-	-
Livingston	99	125	11.1	-	-	-	26.0	-18.8	-	-	843	-	31	27 Dec	211	158	24	35	0	0	7	22	-	-	-	2	-	-
Nunraw Abbey	99	195	-	-	-	-	25.6	-9.5	-	-	(983)	-	41	27 Apr	(210)	(156)	-	35	-	-	-	-	-	-	-	-	-	-
Pethhead	99	131	11.0	4.8	7.9	-	25.3	-14.6	8.4	-	665	-	25	7 Dec	193	133	39	30	0	4	5	12	56	96	-	6	-	-
Penicuik	99	189	11.0	3.9	7.5	-0.2	25.7	-13.9	8.6	-	842	93	25	15 Nov	219	160	45	40	0	5	7	12	82	111	-	6	2.68	79
Borders																												
Blyth Bridge	99	253	10.2	3.9	7.1	-	25.5	-14.5	-	-	904	101	26	13 Nov	222	173	62	49	1	6	5	12	76	137	-	16	2.79	-
Blythe	99	262	10.2	(3.6)	(6.9)	-	24.5	-8.9	-	-	(829)	(108)	33	22 Jun	221	166	-	56	-	-	-	-	(86)	-	-	-	3.47	-
Bonchester Bridge	99	146	11.4	3.8	7.6	-	26.5	-16.5	-	-	829	-	29	5 Aug	205	156	43	31	0	1	5	2	86</					

Table 3 (continued)

District Region/County and Place	max. min.	terminal h (GMT) of observation height of station above MSL (metres)	air temperature in °C.					mean earth temperature		rainfall (terminal h 00 GMT)		weather (number of days)												bright sunshine							
			means of		highest max lowest min	difference from 1941 - 70 average	max. min.	30 cm °C	100 cm °C	total fall (mm)	percentage of 1941 - 70 average	most in a day		precipitation		snow or sleet	snow lying at 6h	hail	ice pellets, etc.	thunder heard	fog at 6h	air frost	grass m.f. below 0 °C	concrete min. below 0 °C	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure			
			(a)	(b)								date	0.2 mm or more	1.0 mm or more																	
			max.	min.																											
6 SCOTLAND W																															
Strathclyde																															
Achalegach	99	12	(11.9)	-	-	-	24.8	-	-	1682	102	73	9 Sep	242	185	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aros	99	37	-	-	-	-	25.2	-	-	(1702)	-	41	9 Sep	231	201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auchincruive	99	45	11.8	5.8	8.8	0.0	25.8	-6.6	9.2	866	94	28	9 Sep	199	152	22	5	4	8	7	0	52	111	-	1	3.54	97	-	-	-	
Benmore (Younger Botanic Garden)	99	12	11.6	5.4	8.5	-	26.0	-7.0	9.6	2286	100	71	9 Sep	235	200	36	25	2	19	6	8	57	-	-	7	-	-	-	-	-	
Brodick Castle	99	15	12.4	6.1	9.3	-	25.0	-4.8	10.3	1851	102	67	9 Sep	222	188	26	13	4	5	6	0	43	98	-	8	-	-	-	-	-	
Camps Reservoir	99	295	9.7	3.2	6.5	-	25.0	-13.8	-	1181	100	39	15 Nov	238	197	77	56	0	8	8	24	94	-	-	37	-	-	-	-	5	
Carnwath	99	208	-	2.9	-	-	-	-17.4	8.3	843	102	21	3 Jul	232	176	63	45	12	10	7	7	97	142	111	43	-	-	-	-	-	
Coatbridge	99	66	11.5	4.9	8.2	-	27.0	-10.5	-	927	109	33	9 Sep	202	161	-	-	-	-	-	-	68	-	-	-	-	-	-	-	-	
Colonsay	99	35	11.4	6.4	8.9	-	23.5	-5.5	-	1176	-	33	14 Oct.	242	188	23	1	8	11	3	2	24	-	-	20	-	-	-	-	-	
Craighouse	99	4	11.6	6.2	8.9	-	22.9	-5.6	-	1624	-	54	9 Sep	233	190	25	5	10	14	8	4	29	-	-	55	-	-	-	-	-	
Crawfordjohn	99	274	10.1	3.3	6.7	-	25.5	-15.0	8.1	-	-	-	-	-	-	-	50	-	-	-	6	87	124	108	-	2.92	-	-	-	-	
Cumnock	99	99	11.5	4.6	8.1	-	26.6	-10.0	9.4	1091	-	45	4 Jun	225	160	30	13	0	6	2	5	69	95	-	3	3.23	-	-	-	-	
Dunstaffnage	99	3	11.7	5.9	8.8	-	24.8	-5.9	-	1421	-	38	14 Nov	235	181	20	8	1	6	0	1	43	91	-	24	-	-	-	-	-	
East Kilbride	99	178	10.8	4.9	7.9	-	26.0	-10.2	-	1264	-	37	9 Sep	229	176	38	47	0	6	2	-	64	111	-	0	3.56	-	-	-	-	
Girvan	99	8	12.3	6.6	9.5	-	26.2	-5.0	-	995	104	29	28 Sep	207	163	12	1	0	8	0	0	38	59	-	33	3.69	-	-	-	-	
Glasgow																															
Abbotsinch Airport	21-9	5	12.0	5.4	8.7	-0.2	27.4	-11.6	-	1074	-	45	4 Jun	223	162	59	19	2	21	8	7	69	109	90	2	3.39	98	-	-	-	
Springburn Park	99	107	11.2	5.3	8.3	-0.1	26.6	-9.4	-	1055	101	30	9 Sep	227	176	51	45	1	6	7	67	59	117	-	4	-	-	-	-	-	
Weather Centre (X)	21-9	40	11.9	7.0	9.5	-	26.1	-7.2	-	913	-	29	9 Sep	207	159	44	-	3	6	7	3	34	-	-	0	3.31	-	-	-	5	
Greenock	99	61	-	-	-	-	-	-	-	1529	101	53	25 Sep	191	173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh	99	96	-	4.9	-	-	26.3	-7.0	-	1426	101	44	9 Sep	218	182	-	58	-	-	-	4	59	-	-	-	3.27	-	-	-	-	
Hunterston	99	8	11.8	6.7	9.3	-	26.1	-7.5	-	(1083)	-	45	9 Sep	(201)	(167)	26	5	1	5	3	1	31	-	-	14	-	-	-	-	-	
Kildonan	99	18	11.6	6.0	8.8	-	24.6	-4.0	-	1217	-	41	9 Sep	244	182	28	-	1	3	1	4	43	69	61	11	3.91	-	-	-	-	
Knapdale Forest	99	12	11.7	4.9	8.3	-	25.0	-9.2	-	1614	-	59	9 Sep	227	193	25	10	0	2	2	3	62	-	-	7	-	-	-	-	-	
Leadhills	99	388	9.3	3.0	6.1	-	24.5	-12.6	-	1648	105	41	22 Feb	245	201	68	74	2	3	4	21	93	133	-	29	-	-	-	-	-	
Madhrihanah	21-9	10	11.5	6.8	9.1	-	25.3	-5.9	-	1206	104	44	27 Jan	218	170	32	4	3	34	1	3	36	80	63	40	3.54	-	-	-	-	
Millport	99	5	11.7	-	-	-	24.6	-	-	1095	96	33	9 Sep	212	178	28	-	1	5	1	2	-	-	-	10	-	-	-	-	-	
Paisley	99	32	12.2	6.1	9.1	-0.1	27.6	-7.5	9.3	1161	105	49	4 Jun	214	168	36	20	0	3	5	8	44	84	-	8	3.19	96	-	-	-	
Prestwick	21-9	16	11.8	5.8	8.8	-	26.9	-9.0	-	883	97	32	9 Sep	207	156	40	2	17	5	7	0	61	100	78	2	3.61	-	-	-	-	
Rhulval	21-9	20	11.0	7.0	9.0	-	23.1	-3.0	-	1527	116	40	27 Jan	225	182	21	2	9	3	3	1	15	45	-	35	-	-	-	-	-	
Rothsay	99	43	11.6	6.3	8.9	-	25.5	-4.5	8.9	1398	102	47	9 Sep	220	186	-	5	-	-	-	0	32	-	-	-	-	-	-	-	-	
Sloy	21-9	12	11.6	5.8	8.7	-	25.3	-8.2	-	2454	-	73	13 Nov	240	196	42	-	1	5	5	0	52	-	-	3	-	-	-	-	-	
Stronachultin	99	2	-	6.0	-	-	24.3	-5.8	-	1772	-	73	9 Sep	(220)	(174)	11	8	1	0	3	47	75	-	-	1	-	-	-	-	-	
Tiree	21-9	9	11.1	6.8	8.9	-0.2	22.2	-5.8	-	1105	98	40	11 Dec	229	177	35	4	3	38	3	2	24	73	-	37	3.31	85	-	-	-	
Uplawmoor	99	128	11.0	4.4	7.7	-	26.2	-9.4	-	1609	-	75	9 Sep	224	189	37	29	2	13	3	1	72	128	-	4	-	-	-	-	-	
Central																															
Arrochymore	99	30	-	-	-	-	25.9	-8.0	-	1601	-	44	4 Jun	224	186	-	25	-	-	-	2	-	118	-	-	3.11	-	-	-	-	-
Callander	99	107	11.5	4.1	7.8	-	26.0	-9.9	-	1596	106	47	14 Nov	218	191	29	56	0	1	0	4	25	-	-	2	-	-	-	-	-	
Earls Hill	21-9	335	9.2	3.5	6.3	-	23.3	-8.4	-	1579	-	43	9 Sep	233	182	52	-	2	1	7	53	83	122	109	41	3.39	-	-	-	-	
Falkirk	99	3	(12.2)	(5.4)	(8.8)	-	26.3	-11.8	-	(876)	-	24	14 Nov	(203)	(146)	-	-	-	-	-	-	60	-	-	-	3.17	-	-	-	-	-
Grangemouth	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Parkhead	99	107	12.1	5.0	8.5	-	26.9	-8.6	9.2	971	-	30	14 Nov	178	163	-	25	-	-	-	8	60	-	-	-	-	-	-	-	-	
Stirling (Batterlatts)	99	38	12.3	4.8	8.5	-	26.7	-10.2	9.4	1003	-	37	14 Nov	201	145	37	44	0	6	3	11	69	129	-	4	3.52	-	-	-	-	-
Dumfries & Galloway																															
Barnhills	99	110	(11.7)	4.3	(8.0)	-	25.7	-9.4	-	1551	102	41	22 Feb	232	188	36	26	3	6	5	20	77	134	-	5	-	-	-	-	-	
Clatteringshaw	99	178	10.9	4.3	7.6	-	25.8	-8.6	-	1874	96	64	22 Feb	224	191	61	26	18	3	7	0	74	-	-	32	3.20	-	-	-	-	
Dumfries	99	49	-	5.6	-	-	26.5	-6.5	9.6	908	86	39	22 Feb	185	142	27	-	0	0	3	29	56	115	-	12	3.40	95	-	-	-	-
Dundee	99	119	11.6	4.1	7.9	-	26.0	-11.5	8.7	1403	99	50	14 Nov	220	166	16	23	0	2	1	7	80	-	-	-	-	-	-	-	-	
Esksdalemuir	21-9	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychrometer			10.2	3.7	6.9	-	25.7	-13.1	8.9	1438	95	43	15 Nov	232	185	70	43	3	21	9	14	90	130	107	6	3.06	93	-	-	-	-
Screen			10.5	3.9	7.2	0.0	26.7	-12.9	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	-	-	3.81	-	-	-	-	-
Girdlingwood	99	98	-	-	-	-	-	-	-	(968)	-	35	27 Dec	171	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glenlee	99	55	12.2	4.5	8.3	0.0	27.0	-10.4	-	1411	94	43	22 Feb	206	175	-	-	-	-	-	3	79	-	-	-	-	-	-	-	-	
Glenloch Barrage	99	47	12.1	5.3	8.7	-	26.5	-8.1	-	1115	91	33	27 Dec	216	161	18	7	0	2	4	9	62	-	-	17	-	-	-	-	-	
Newton Stewart	99	46	12.1	5.3	8.7	-	25.5	-8.2	-	(1167)	(98)	40	7 Dec	208	156	16	-	0	1	2	6	63	-	-	10	-	-	-	-	-	
Palnure	99	18	12.0	5.3	8.7	-	25.4	-9.5	-	1273	99	72	27 Dec	222																	

Table 3 (continued)

District Region/County and Place		max. min. range of variation above MSL (metres)	air temperature in °C.						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine																																																																																																																																	
			means of		highest max lowest min		30 cm °C		100 cm °C		total fall (mm)		percentage of 1941-70 average		most in a day		precipitation		snow or sleet		snow lying at 9h		ice pellets, etc.		fog at 9h		air frost below 0°C		concrete min. below 0°C		gale		daily mean (hours)		percentage of 1941-70 average		exposure																																																																																																																					
			(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)	(a)	(b)																																																																																																																						
			max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above MSL (metres)	max. min. range of variation above 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District Region/County and Place	max. min. height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)										bright sunshine					
		means of		daily mean (mean of a + b)	difference from 1941 - 70 average	highest max		30 cm °C	100 cm °C	total fall (mm)	most in a day		precipitation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass milder below 0 °C	concrete min. below 0 °C	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure			
		max.	min.			max.	min.				amount (mm)	date	0.2 mm or more	1.0 mm or more																
		(a)	(b)			max.	min.				amount (mm)	date	0.2 mm or more	1.0 mm or more																
3 EAST ANGLIA-cont																														
Emsw																														
Clacton-on-Sea	99	16	12.8	7.1	9.9	-0.1	26.0	-7.0	10.8	10.9	498	87	19	1 May, 7 Dec	144	97	13	3	0	0	4	14	28	63	-	3	8.88	86		
Halstead	99	70	13.0	5.9	9.5	-	26.2	-7.0	10.1	10.4	580	-	15	5 May, 29 Jul, 3 Aug	172	109	28	13	4	0	7	15	46	-	8	-	-	-		
Little Parndon	99	54	-	-	-	-	-	-7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Shoeburyness	21-9	22	13.2	7.2	10.2	-0.1	26.3	-7.0	-	-	458	85	23	31 Jul	147	97	25	9	3	8	13	10	36	91	-	0	3.83	86		
Stanford-Le-Hope	99	6	(13.5)	6.1	(9.8)	-	26.5	-6.5	-	-	551	-	47	31 Jul	147	101	-	0	0	0	4	15	44	-	0	3.87	-	-		
Stamsted	21-9	101	12.8	5.8	9.3	-	26.5	-7.2	-	-	639	103	29	5 May	173	116	41	13	4	7	20	26	59	95	75	3	-	-		
Writtle	99	35	13.4	5.6	9.5	-0.2	26.4	-8.2	10.2	-	546	96	19	5 May	146	101	13	10	-	-	-	8	57	117	-	-	3.82	93		
4 MIDLAND COUNTIES																														
West Yorkshire																														
Bradford	99	134	(11.7)	(5.5)	(8.6)	(-0.7)	25.6	-10.0	9.1	9.4	869	100	43	27 Dec	196	142	41	23	6	2	6	17	62	114	-	1	-	-	8	
Bramham	99	54	(12.2)	(4.9)	(8.6)	-	25.6	-11.7	-	-	720	109	46	27 Dec	184	133	33	21	1	0	2	22	66	112	-	-	-	-	-	
Huddersfield (Oakes)	21-9	232	11.6	5.1	8.3	-0.2	26.7	-8.8	8.3	7.9	948	95	45	28 Dec	225	159	54	31	5	6	13	30	58	111	-	20	-	-	-	
Ilkley	99	83	12.2	(5.2)	(8.7)	(-0.2)	26.0	-9.5	-	-	(955)	(104)	45	27 Dec	(192)	(156)	33	22	1	2	1	24	59	-	1	3.04	88	-	-	
Pontefract	99	78	-	-	-	-	26.0	-6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Todmorden	95	160	11.4	5.2	8.3	-	26.1	-12.0	-	-	1128	-	41	28 Dec	217	170	46	29	2	27	9	14	64	-	12	-	-	-	-	
Wilden	99	262	10.7	4.5	7.6	-	26.6	-10.9	-	-	1000	-	41	27 Dec	209	(153)	50	40	2	8	7	41	71	(107)	-	1	-	-	-	-
South Yorkshire																														
Finningley	21-9	10	12.7	5.6	9.1	-	27.6	-10.0	-	-	632	109	29	27 Dec	179	133	42	20	0	6	6	11	65	108	-	1	3.45	-	-	
Sheffield	-	-	-	-	-	-	-	-7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dore	99	206	-	-	-	-	25.7	-7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Weston Park	99	131	(12.4)	(6.1)	(9.3)	(-0.2)	26.5	-6.6	(9.7)	10.0	(824)	(103)	33	27 Dec, 28 Dec	(197)	(145)	(36)	31	1	0	6	-	(48)	-	-	0	3.44	102	5	
Derbyshire																														
Ashover	99	178	11.9	5.3	6.6	-	26.6	-7.7	-	-	923	-	52	16 Jun	196	145	49	36	0	4	6	36	62	97	-	1	3.41	-	-	
Buxton	99	307	-	-	-	-	-	-11.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby	99	48	12.9	6.0	9.5	-	27.0	-8.1	-	-	672	102	31	15 Jun	171	123	25	15	0	2	4	19	52	94	-	0	3.04	-	5	
Wingerworth	99	116	12.0	4.7	8.3	-	26.3	-11.1	9.5	-	851	-	35	16 Jun, 28 Dec	200	142	38	32	0	10	11	34	73	141	-	0	3.51	-	-	
Nottinghamshire																														
Manfield	99	114	-	-	-	-	-	-9.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Newthorpe	99	58	(12.6)	-	-	-	(27.0)	-7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nottingham	99	59	-	-	-	-	-	-8.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sutton Bonington	99	46	13.0	4.8	8.9	-0.4	27.4	-10.2	9.8	9.9	613	100	32	15 Jun	171	125	23	20	1	5	11	70	121	91	1	3.43	94	-	-	
Waport	99	46	12.7	4.8	8.7	-	26.9	-10.8	-	-	726	118	32	16 Jun	180	125	20	2	2	6	30	70	129	-	0	3.43	-	-	-	
Wensall	21-9	117	12.3	5.7	9.0	-0.2	27.0	-8.3	-	-	767	107	28	15 Jun	186	135	47	18	3	10	7	33	54	111	84	0	3.17	89	-	
Staffordshire																														
Kele	99	179	11.5	5.3	8.4	-	23.9	-6.5	9.0	9.2	(849)	(105)	29	15 Jun	208	150	35	26	2	7	7	24	66	110	94	1	2.95	-	5	
Oaken	99	125	-	-	-	-	26.0	-8.6	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	
Penkridge	99	101	(12.3)	-	-	-	25.5	-9.9	-	-	626	91	18	2 May	189	136	30	16	0	1	4	12	-	(101)	-	2	-	-	-	
Stone	99	107	11.9	4.9	8.4	-	24.8	-10.6	-	-	742	101	25	15 Jun	196	144	43	22	11	1	10	27	69	122	-	3	3.15	-	-	
Leicestershire																														
Caldecott	99	53	(12.8)	5.1	(8.9)	-	26.7	-10.6	-	-	620	110	31	5 May	161	118	27	7	0	0	12	38	67	108	-	3	3.44	-	-	
Newtown Linford	99	119	12.5	5.0	8.7	-	26.1	-8.6	-	-	695	103	27	15 Jun	175	129	31	27	2	9	11	26	64	106	-	0	3.36	-	-	
Salop																														
Hempton Lodge	99	70	(13.2)	(5.3)	(9.3)	-	27.0	-9.0	-	-	629	-	28	29 Jul	157	119	-	-	-	-	-	-	58	-	-	-	-	-	-	
Newport	99	64	12.7	5.3	9.0	+0.1	26.6	-10.0	-	-	645	98	23	2 May	179	135	34	17	0	3	7	16	65	117	-	2	-	-	-	
Oswestry	99	174	11.9	5.6	8.7	-0.2	26.4	-7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	15	48	112	-	-	3.27	87	5	
Preston Montford	99	67	-	-	-	-	-	-	(10.2)	(10.1)	639	-	28	4 May	186	135	-	28	-	-	-	-	-	-	-	-	-	-	-	-
Shawbury	21-9	72	12.8	5.6	9.2	-0.1	26.3	-9.9	-	-	611	91	22	2 May	180	127	43	8	6	2	6	18	69	116	85	1	3.27	87	-	
Shrewsbury	99	56	-	5.8	-	-	-	-8.4	10.6	11.0	565	90	19	2 May	179	125	13	8	0	1	5	16	55	-	-	0	3.17	85	-	
West Midlands																														
Birmingham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Edgbaston	21-9	163	12.2	6.5	9.3	-0.2	25.7	-6.5	9.1	-	729	94	29	2 Aug	188	126	44	21	3	10	8	24	47	93	73	0	3.43	97	-	
King Edward's School	21-9	96	12.7	5.6	9.1	-0.1	25.9	-10.9	-	-	601	-	35	29 Jul	172	113	45	15	2	9	11	16	71	108	81	2	3.57	94	-	
Coventry Airport	99	137	12.9	5.7	9.3	-	26.8	-7.0	-	-	773	106	34	2 Aug	186	133	-	14	-	-	-	23	54	-	-	-	-	-	-	
Warwickshire	99	81	(12.8)	(5.0)	(8.9)	-	26.8	-7.9	(9.7)	-	633	-	32	-	181	123	16	-	1	0	4	-	67	-	-	1	-	-	-	
Luddeston	99	56	13.2	-	-	-	26.0	-8.9	-	-	526	-	30	29 Jul	163	120	17	10	2	3	3	31	-	106	-	0	3.57	-	-	
Moreton Morrell	99	85	13.1	5.4	9.3	-	26.0	-8.7	-	-	596	96	39	29 Jul	166	123	19	13	1	3	5	16	60	106	-	6	3.48	-	-	
Rugby	99	116	12.7	5.4	9.1	-0.2	25.7	-8.0	9.9	-	638	98	22	5 Sep	166	123	28	16	0	1	6	-	68	96	-	0	-	-	-	
Shipstone-on-Stour	99	111	13.1	(5.6)	(9.3)	(-0.1)	25.2	-6.4	9.9	-	617	93	38	29 Jul	173	120	27	14	4	3	10	24	57	-	26	-	-	-	-	
Stratford-upon-Avon	99	49	(13.4)	(5.0)	(9.2)	(-0.2)	26.3	-10.2	-	-	534	84	33	29 Jul	169	123	-	6	-	-	-	-	20	68	-	-	-	-	-	
Walsbourne	99	47	-	-	-	-	26.3	-8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northamptonshire																														
Sugrooke Mills	99	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moulton Park	99	122	-	-	-	-	25.6	-	-	-	589	-	31	5 May	166	115	15	12	0	3	3	-	-	-	-	0	3.73	-	5	
Rearsdales	99	59	13.2	5.3	9.3	0.0	27.0	-8.5	10.2	10.2	630	106	32	4 Jun	171	115	25	8	2	1	9	25	61	104	-	5	3.14	83	5	

District Region/County and Place	max. min. height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine					
		means of				highest max lowest min		30 °C	100 °C	total fall (mm)	percentage of 1941 - 70 average	most in a day		precipitation		snow or sleet	snow lying at 9h	ice pollen, etc.	thunder heard	fog at 9h	air frost	grass m.f. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure		
		max.	(a)	(b)	daily mean (mean of a + b)	difference from 1941 - 70 average	max.					min.	amount (mm)	date	0.2 mm or more													1.0 mm or more	
4 MIDLANDS—cont																													
Hereford & Worcester																													
Atwood Bank	99	139	12.9	5.3	9.1	-	26.0	-8.7	-	-	618	-	22	2 May	165	126	32	14	0	7	8	32	59	99	-	3	-	-	-
Hereford	99	51	-	-	-	-	26.6	-8.5	-	-	551	84	33	31 May	163	104	-	-	0	4	4	-	-	-	-	3	3.86	-	-
Lyonshall	99	155	12.6	5.5	9.1	0.0	25.5	-9.6	-	-	768	89	31	12 Dec	172	137	-	-	-	-	-	-	58	136	-	-	-	-	-
Malvern	99	62	13.4	-	-	-	26.6	-6.6	10.3	10.3	663	89	23	27 Jan	176	124	32	14	0	8	8	24	-	98	-	1	3.52	88	5
Paroshore																													
College of Hort.	99	40	13.5	6.1	9.8	-	27.0	-7.7	-	-	554	86	21	31 Jul	164	114	16	17	3	7	6	16	54	93	-	10	-	-	-
Preston Wynne	99	84	13.3	4.9	9.1	-	25.9	-8.2	-	-	(629)	(94)	19	31 Jul, 1 Aug	(181)	(126)	20	7	0	4	4	30	63	124	-	0	(5.48)	-	-
Gloucestershire																													
Cheltenham	99	65	13.6	5.9	9.7	-0.4	26.7	-9.4	-	-	738	111	32	29 Jul	171	130	14	-	0	1	0	-	63	-	-	0	3.70	94	-
Innsworth	21-9	21	13.7	6.5	10.1	-	27.3	-8.7	-	-	572	-	38	1 Jun	154	110	30	7	2	9	6	10	54	87	69	0	3.79	-	-
Oxfordshire																													
Benson	21-9	67	13.5	6.0	9.7	-	27.2	-8.9	-	-	564	-	31	31 Jul	145	104	28	13	2	7	10	20	57	92	-	1	3.93	-	-
Brize Norton	21-9	81	13.2	5.9	9.5	-	26.9	-7.3	-	-	572	-	29	31 Jul	153	114	34	10	1	10	8	16	63	96	77	3	3.71	-	-
Letcombe Regis	99	107	(13.3)	(5.6)	(8.5)	-	27.4	-10.0	(10.5)	-	(640)	(91)	36	31 Jul	159	(115)	22	15	0	0	8	-	(57)	101	-	0	-	-	-
Oxford	99	63	(13.6)	6.1	(9.9)	(-0.2)	26.5	-7.1	10.6	(10.7)	576	87	30	31 Jul	158	113	16	20	0	4	6	25	51	103	-	5	3.80	92	-
Shirburn (Model Farm)	99	108	13.2	5.4	9.3	-	27.0	-9.8	-	-	631	-	42	31 Jul	167	113	31	12	1	6	10	26	62	118	-	2	-	-	-
Wallingford	99	48	13.6	5.4	9.5	-	26.4	-10.2	10.3	10.5	544	95	31	31 Jul	152	104	24	9	0	5	8	-	62	107	-	0	3.57	-	5
Buckinghamshire																													
Aylesbury	99	96	13.5	5.7	9.6	+0.2	26.8	-9.4	-	-	606	97	34	31 Jul	144	111	20	13	5	1	7	-	57	-	-	4	-	-	5
Grendon Underwood	99	67	13.3	4.4	8.9	-	26.1	-11.1	10.1	10.3	557	89	35	31 Jul	156	121	30	11	0	2	4	-	79	141	-	0	3.60	-	-
Medmenham	99	30	(13.8)	(4.6)	(9.2)	-	27.1	-9.2	-	-	632	90	32	31 Jul	162	118	-	-	-	-	-	-	73	(130)	-	-	-	-	-
5 ENGLAND SE & CENTRAL S.																													
Greater London																													
Bromley	99	65	(13.8)	(6.6)	(10.2)	(-0.1)	27.0	-6.5	-	-	(659)	(102)	51	31 Jul	(152)	(100)	-	-	-	-	-	-	(37)	-	-	0	-	-	-
Greenwich	99	7	(14.1)	(7.1)	(10.6)	-	27.4	-5.5	-	-	600	101	41	31 Jul	146	102	13	-	0	0	6	-	40	(66)	-	0	3.66	-	-
Hampstead	99	137	(13.1)	-	-	-	26.0	-	-	-	(712)	(105)	39	31 Jul	(152)	(128)	17	3	0	0	5	-	97	-	1	(3.81)	(93)	5	-
Hampton	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Harrow Weald	99	98	(13.7)	(5.7)	(9.7)	-	26.5	-7.0	11.1	11.2	(654)	-	29	31 Jul	(154)	(117)	-	-	-	-	-	-	49	-	-	-	-	-	-
Heathrow Airport	21-9	25	14.1	6.9	10.5	+0.1	27.0	-6.3	-	-	586	95	29	5 May	149	108	30	2	1	5	9	14	46	93	64	1	3.82	-	-
Kensington Palace	99	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychrometer	-	-	13.7	6.1	9.9	-	26.3	-7.3	10.5	10.6	598	100	32	5 May	153	102	27	4	0	7	15	12	54	134	74	0	3.98	95	-
North Wall Screen	-	-	13.9	7.3	10.6	0.0	27.5	-5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London																													
Weather Centre (X)	21-9	77	14.2	8.4	11.3	-	26.8	-4.4	-	-	528	-	30	5 May, 31 Jul	148	99	26	-	5	4	13	6	19	-	-	1	3.94	103	-
St James Park	99	9	(14.3)	(7.6)	(10.9)	(-0.1)	27.6	-4.6	-	-	626	102	35	31 Jul	154	109	-	8	-	-	-	-	31	69	-	-	-	-	-
Southgate	99	67	-	-	-	-	-	-4.4	10.5	-	687	106	35	31 Jul	156	114	23	9	1	1	9	11	(47)	(38)	-	0	-	-	-
Waddon	99	59	-	(6.6)	-	-	27.0	-7.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wiltshire																													
Boscombe Down	21-9	126	13.1	5.7	9.4	-0.2	26.2	-8.6	-	-	693	96	28	27 Jan	172	115	34	13	5	16	8	18	54	-	-	1	4.21	100	-
Lacock	99	49	(13.4)	5.1	(9.3)	-	26.6	-8.9	-	-	(633)	(88)	36	31 Jul	(176)	(128)	-	9	-	-	-	22	66	115	-	-	-	-	-
Larkhill	99	132	13.3	5.4	9.3	-0.0	27.2	-8.4	-	-	(729)	(98)	34	27 Jan	172	(101)	31	13	3	7	8	21	80	97	80	0	-	-	-
Lyneham	21-9	146	12.7	5.9	9.3	0.0	26.1	-9.4	-	-	633	89	31	31 Jul	165	124	40	12	4	6	9	19	54	101	81	2	3.93	-	-
Porton	99	111	13.2	5.2	9.2	-0.1	26.2	-8.9	9.9	-	712	94	38	31 Jul	166	112	-	15	-	-	-	17	66	-	-	0	4.07	94	-
Trowbridge	99	179	13.8	5.5	9.5	-	27.8	-9.0	10.5	-	709	-	38	31 Jul	159	127	32	12	8	7	16	16	62	117	-	1	-	-	-
Upavon	21-9	37	12.6	5.7	9.3	-	25.9	-7.8	-	-	735	96	30	31 Jul	176	116	33	14	6	9	10	22	61	94	72	0	-	-	-
Berkshire																													
Easthampstead	99	77	13.4	4.8	9.1	-	26.8	-10.6	10.0	10.2	689	-	31	10 Dec	155	106	27	9	3	0	15	13	71	120	83	0	3.94	-	-
Hurley	99	43	(13.6)	(5.4)	(9.5)	-	26.9	-7.5	(10.1)	-	(639)	(92)	31	31 Jul	(168)	(117)	20	4	1	0	5	-	(64)	(110)	-	3	(3.67)	-	-
Lambourn (Warren Farm)	99	192	(12.5)	5.2	(8.9)	-	24.7	-9.5	-	-	(624)	-	29	31 Jul	(170)	(121)	-	22	-	-	-	-	61	-	-	-	-	-	-
Reading	99	66	(13.5)	(5.9)	(9.7)	-	26.8	-7.4	(10.4)	(10.5)	621	-	31	31 Jul	154	112	21	10	0	0	7	22	(57)	(130)	-	0	(3.92)	-	-
Shinfield (N.J.R.D.)	99	62	13.5	5.7	9.6	-	26.5	-8.3	-	-	609	-	25	31 Jul	153	111	25	7	0	1	9	37	57	(112)	-	0	3.71	-	-
Surrey																													
Wiseley	99	32	14.0	5.7	9.9	-0.1	27.0	-7.6	10.4	10.8	639	99	30	1 May	(170)	(107)	22	9	0	4	7	48	52	111	-	14	3.87	95	-
Kent																													
Dover R.M.S.	99	123	-	-	-	-	-	-5.4	-	-	668	78	25	31 Jul	175	123	-	-	-	-	-	-	-	-	-	-	-	-	-
Dungeness	99	6	12.7	7.5	10.1	-	22.0	-7.8	-	-	545	81	26	24 Dec	152	102	25	6	5	1	11	7	34	-	-	10	-	-	-
East Malling	99	52	13.6	6.2	9.9	+0.2	26.4	-6.6	10.4	10.5	(553)	(82)	30	31 Jul	157	107	22	12	0	3	12	17	50	102	79	6	3.90	91	-
Edenbridge	99	46	13.5	(5.1)	(9.3)	-	26.0	-10.6	-	-	650	-	29	1 May	151	112	-	-	-	-	-	-	65	-	-	-	-	3.85	5
Elmstone	99	5	(13.8)	(5.5)	(9.7)	-	26.4	-7.8	-	-	495	77	23	1 May	162	102	14	9	1	2	10	-	54	-	-	4	-	-	-
Faversham	99	48	13.3	6.4	9.9	-	26.6	-5.6	10.0	10.5	(581)	(87)	52	31 Jul	(160)	(113)	19	10	0	2	10	19	42	(80)	-	0	3.83	-	-
Folkestone	99	31	12.9	6.5	9.7	-	25.4	-5.0	-	10.9	(627)	(87)	45	31 Jul	(161)	(122)	27	7	1	2	8	5	45	86	-	32	4.46	93	-
Gillingham	99	3	(13.9)	(7.1)	(10.5)	-	27.6	-7.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	(40)	-	-	-	-	-	-
Goudhurst	99	85	(12.9)	(5.6)	(9.3)	(0.0)	25.8	-8.6	-	-	653	78	19	23 Jan, 29 Jul	163	119	20	14	3	1	7	18	57	(95)	-	1	-	-	-
Hadlow College	99	27	-	-	-	-	26.4	-9.3	(10.3)	(10.7)	(635)	-	34	31 Jul	(150)	(112)	16	9	1	0	13	-	-	-	-	1	-	-	-
Herne Bay	99	31	13.1	6.5	9.9	-	26.5	-5.0	10.7	-	480	-	17	1 May	162	109	8	1	0	1	5	11	36	65	-	0	4.06	92	-
Manston	21-9	44	13.0	-	-	-	26.2	-4.4	-	-	443	73	21	13 Apr	155	101	32	10	4	17	15	14	-	-	-	8	4.06	-	-
Margate	99	16	12.9																										

Table 3 (continued)

District Region/County and Place		max. min. height of station above MSL (metres)	air temperature in °C					mean earth temperature		rainfall (terminal h 08 GMT)		weather (number of days)										bright sunshine						
			means of		daily mean (mean of a + b)	difference from 1941 - 70 average	highest max lowest min		30 °C °C	100 °C °C	total fall (mm)	percentage of 1941 - 70 average	amount (mm)	date	precipitation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass min. below 0 °C	concrete min. below 0 °C	gale	daily mean (hours) percentage of 1941 - 70 average	exposure
			max. (a)	min. (b)			max.	min.							0.2 mm or more	1.0 mm or more												
5 ENGLAND SE & CENTRAL S.																												
Hampshire																												
Alice Holt Lodge	99	116	(13.1)	5.3	(9.2)	(-0.2)	26.5	-8.9	-	778	97	29	10 Dec	162	118	21	11	0	2	6	26	65	115	-	0	3.61	-	-
Everton	99	16	13.4	(6.7)	(10.1)	-	25.3	-6.7	-	(734)	(94)	49	31 Jul	155	127	13	7	4	3	8	13	(42)	(88)	-	7	4.45	-	-
Hayling Island	99	4	13.5	7.5	10.5	-	26.1	-6.1	-	(664)	(97)	32	31 Jul	(159)	(112)	8	1	3	0	5	9	36	-	-	7	-	-	
Lackford	99	117	13.2	5.3	9.3	-0.2	25.5	-9.5	9.7	758	94	33	27 Jan	165	126	17	9	2	0	4	17	57	-	-	6	3.75	89	-
Long Sutton	99	145	(13.0)	(5.6)	(9.3)	-	25.7	-8.9	-	(820)	(103)	68	30 Jul	(163)	(114)	20	12	2	1	7	-	(56)	(102)	-	2	4.04	98	-
Martyr Worthly	99	84	(13.4)	(4.9)	(9.1)	-	26.4	-9.5	-	(749)	(93)	35	10 Dec	(160)	(124)	17	16	0	0	1	-	(69)	(124)	-	2	(3.81)	-	-
Southampton																												
Mayflower Park	99	3	14.1	7.1	10.6	-0.1	26.8	-6.6	11.7	752	-	43	31 Jul	158	115	26	6	1	5	10	11	38	96	-	0	(4.17)	(93)	-
Weather Centre (X)	21-9	19	14.0	7.6	10.8	-	26.1	-5.9	-	744	-	41	31 Jul	158	114	27	-	1	7	11	11	30	-	47	0	-	-	-
Southsea	99	2	13.8	7.9	10.9	0.0	26.1	-5.5	11.5	667	95	30	31 Jul	160	115	16	4	1	4	7	6	27	70	-	1	4.48	94	-
Sparsholt	99	113	(13.3)	(5.5)	(9.4)	-	25.8	-5.1	-	(826)	-	38	31 Jul	(158)	(124)	16	11	1	0	0	-	(49)	-	-	4	(3.85)	-	-
Isle of Wight																												
Ryde	99	4	13.6	(8.0)	(10.8)	(-0.1)	25.1	-5.0	-	(748)	(96)	43	31 Jul	(163)	(117)	14	-	5	0	7	6	(22)	-	-	9	4.36	91	-
St Catherine's Point	99	16	12.6	(8.1)	(10.3)	(-0.2)	23.4	-5.5	-	(678)	(89)	32	31 Jul	147	116	19	3	4	0	8	8	19	-	-	21	-	-	
Sandown	99	4	13.5	7.3	10.4	-0.5	25.1	-6.4	-	(734)	(95)	53	31 Jul	(133)	(120)	8	-	1	0	4	4	31	-	-	1	(4.80)	(95)	-
Shanklin	99	55	12.9	7.1	10.0	-0.1	26.2	-7.5	-	(771)	(84)	46	31 Jul	(158)	(120)	9	-	1	0	4	34	32	-	-	0	(4.99)	(96)	-
Ventnor	99	135	-	-	-	-	22.6	-6.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Sussex																												
Bognor Regis	99	7	13.1	7.5	10.3	0.0	22.4	-6.0	-	639	87	29	31 Jul	150	110	8	6	3	0	6	3	31	-	-	6	-	-	
Farnhurst	99	57	13.6	5.2	9.4	-0.2	26.8	-11.1	10.4	798	89	25	23 Dec	168	125	-	-	-	-	-	-	65	-	-	-	(3.77)	(85)	-
Gatwick Airport	21-9	59	13.5	5.5	9.5	-	26.8	-11.7	-	733	95	32	31 Jul	159	121	33	14	5	4	11	19	66	108	74	0	3.96	-	-
Hurstpierpoint	99	29	-	-	-	-	27.0	-10.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Littlehampton	99	5	13.3	6.9	10.1	-0.2	23.9	-8.2	-	644	88	31	31 Jul	162	111	6	3	2	0	5	5	40	-	-	3	4.64	96	-
Rogate	99	64	(13.8)	(5.5)	(9.5)	-	26.2	-8.5	(11.0)	-	-	-	-	-	-	-	-	1	0	0	-	59	(106)	-	1	-	-	
Worthing	99	2	13.3	(6.8)	(10.1)	-	23.6	-8.2	11.6	(697)	-	34	7 Aug	146	108	10	4	5	2	9	3	(39)	(72)	-	0	-	-	
East Sussex																												
Bexhill	99	4	13.0	7.5	10.3	0.0	24.5	-6.1	11.0	582	79	21	12 Dec	158	108	15	8	1	1	11	6	36	71	-	14	4.46	95	-
Brighton	99	10	(13.1)	7.3	(10.2)	(-0.4)	25.9	-6.2	-	649	91	26	29 Jul	136	106	-	6	-	-	5	36	(59)	-	-	-	(4.45)	(93)	-
Eastbourne	99	7	13.2	8.0	10.6	+0.1	23.5	-5.8	11.3	668	84	38	29 Jul	148	108	15	12	4	1	9	7	27	58	-	14	4.66	93	-
East Hoathly	99	38	(13.5)	5.2	(9.3)	-	26.4	-10.0	-	(694)	(90)	34	29 Jul	(146)	(114)	22	15	3	11	-	65	112	73	13	(4.03)	-	-	
Hastings	99	45	13.0	(7.5)	(10.3)	(-0.1)	25.5	-5.5	11.2	602	82	21	29 Jul	149	114	20	9	0	13	7	11	29	-	-	20	4.37	92	-
Herstmonceux	21-9	18	13.4	6.2	9.8	-	25.8	-8.0	-	612	-	23	7 Dec	150	115	23	7	3	4	12	10	50	110	74	5	4.22	-	-
Plymouth	99	76	-	(6.5)	-	-	26.0	-7.2	-	(873)	(85)	36	7 Dec	(157)	(128)	-	17	-	-	-	43	42	54	-	-	(4.28)	-	-
7A ENGLAND NW & I.O.M.																												
Cumbria																												
Carlisle	21-9	26	12.2	6.0	9.1	-	28.1	-8.2	10.1	739	85	25	1 Jun	188	140	44	10	7	3	5	3	59	99	63	0	3.44	-	-
Carlisle	99	35	12.0	5.4	8.7	-	26.7	-7.3	-	1199	-	35	27 Dec	198	158	6	6	0	0	6	8	66	-	-	0	-	-	
Grizedale	99	91	(12.0)	(4.3)	(8.1)	-	26.5	-8.8	-	(1491)	(78)	42	13 Aug	(219)	(186)	37	19	3	3	3	74	169	-	-	6	-	-	
Moor House	99	556	7.8	(2.0)	(4.9)	-	22.3	-15.1	6.3	-	-	-	-	-	-	78	91	15	6	3	53	126	(177)	-	25	2.80	-	-
Newton Rigg	99	171	11.5	4.9	8.2	0.0	26.9	-9.4	9.1	928	100	29	15 Nov	(196)	(153)	23	25	1	3	3	7	63	(111)	-	3	(3.18)	(89)	-
Sellafield	99	13	(12.3)	(6.8)	(9.5)	-	28.0	-8.0	-	-	-	-	-	-	-	-	-	-	-	-	42	(81)	-	-	(3.30)	-	-	
Lancashire																												
Hazellrigg	99	96	11.6	6.1	8.9	-	25.8	-5.9	-	1055	-	55	5 Aug	196	155	33	12	0	10	5	13	51	84	-	21	3.40	-	-
Helmshore	99	260	(10.5)	5.1	(7.8)	-	24.8	-6.7	8.7	1372	91	39	14 Mar	(214)	(172)	20	28	0	3	3	34	66	(106)	-	0	3.05	-	-
Kirkham	99	24	12.0	6.2	9.1	-	27.5	-8.7	-	887	94	31	27 Dec	192	148	20	6	3	6	5	10	49	97	-	0	3.46	-	-
Moscambe	99	7	12.4	7.1	9.7	+0.2	27.6	-4.8	-	997	102	29	27 Dec	189	149	11	3	1	4	3	4	40	-	-	2	(3.52)	(90)	-
Preston	99	33	12.3	6.3	9.3	-	27.0	-7.5	-	903	90	28	5 Aug	192	144	21	3	1	8	5	8	49	83	-	0	-	-	
Slaithburn	99	192	11.2	4.8	8.0	-	25.3	-10.0	-	1454	95	51	14 Nov	221	172	41	14	9	1	2	-	69	105	-	0	3.09	-	-
Squires Gate Airport	21-9	10	12.3	6.7	9.5	0.0	26.8	-8.6	-	856	99	41	1 Jun	189	147	31	5	0	11	6	10	47	83	64	3	3.78	89	-
Stonyhurst	99	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merseyside																												
Aigburth	99	12	12.6	7.1	9.9	-	27.0	-6.3	-	824	-	30	27 Dec	183	145	19	2	5	8	6	23	36	80	67	5	-	-	
Bidston	99	60	(11.9)	(7.1)	(9.5)	-	27.5	-6.6	-	803	-	27	27 Dec	181	141	22	7	7	6	9	13	35	59	-	5	3.47	-	-
St Helens	99	76	(12.5)	(6.3)	(9.4)	-	27.9	-7.6	(10.0)	878	-	33	27 Dec	196	151	17	-	5	3	3	47	-	-	-	1	3.32	-	-
Southport	99	5	12.1	6.2	9.1	-0.4	26.5	-8.3	9.8	849	102	27	27 Dec	187	144	-	-	-	-	-	51	76	-	-	-	3.51	84	-
West Kirby Park	99	7	-	-	-	-	27.7	-	-	(734)	(99)	26	2 Aug	(188)	(141)	-	0	-	-	-	-	-	-	-	-	-	-	-
Greater Manchester																												
Bolton	99	107	(11.8)	(5.8)	(8.8)	-	26.5	-7.3	9.2	931	-	42	29 Sep	204	153	18	24	4	1	2	10	53	-	-	0	-	-	
Manchester																												
Ringing Airport	21-9	75	12.3	6.7	9.5	+0.1	27.6	-8.9	-	756	92	27	28 Dec	187	142	39	8	4	4	8	11	45	75	63	1	3.29	90	-
Weather Centre (X)	21-9	69	12.8	7.6	10.2	-	28.3	-6.0	-	831	-	40	28 Dec	185	137	42	-	3	5	6	4	31	-	-	0	3.14	-	-
Cheshire																												
Knutsford	99	65	(12.7)	(5.5)	(9.1)	-	27.6	-9.2</																				

Table 3 (continued)

District Region/County and Place	terminal h (GMT) of observation	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine					
		means of		daily mean (mean of a + b)	difference from 1941 - 70 average	highest max lowest min		30 cm °C	100 cm °C	total fall (mm)	most in a day		precipitation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass m.p. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1941 - 70 average	exposure		
		max.	min.			max.	min.				percentage of 1941 - 70 average	amount (mm)	date	0.2 mm or more														1.0 mm or more	
78 WALES N																													
Gwynedd																													
Bala	9 9	163	11.8	4.7	8.3	-	25.2	-9.0	9.7	10.0	1173	93	35	18 Nov	216	163	27	17	3	11	4	12	69	(113)	(81)	4	2.99	-	
Bardsey Island	21-9	15	11.7	(8.2)	(9.9)	-	22.5	-2.4	-	-	836	94	31	3 Feb	177	129	7	2	3	6	3	-	7	17	16	51	-	-	
Beddau-y-Coed	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	24	1	1	0	3	-	-	-	1	-	-	
Botwnnog	9 9	34	-	6.9	-	-	25.6	-4.9	10.6	11.3	(935)	(85)	31	3 Feb	(200)	(150)	12	3	1	4	3	3	28	49	-	14	-	-	
Cwmystrellin	9 9	204	-	-	-	-	26.0	-5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llyn Alaw	9 9	44	12.3	6.5	9.4	-	23.5	-4.0	-	-	922	-	27	18 Nov	212	154	-	-	-	-	-	-	27	-	-	-	(3.74)	-	
Pen-y-Ffridd	9 9	84	12.6	6.5	9.5	-	26.7	-4.5	-	-	986	89	29	18 Nov	206	171	13	14	1	6	5	2	37	110	-	9	3.45	-	
Trawsfynydd	9 9	193	-	-	-	-	-	-	-	-	1588	94	47	18 Nov	217	183	-	-	-	-	-	-	-	-	-	-	-	6	
Valley	21-9	10	12.5	7.6	10.1	0.0	27.7	-4.4	-	-	755	87	21	13 Aug, 27 Dec	186	148	26	8	0	17	5	2	30	61	43	4.06	92	-	
Clwyd																													
Alwen	9 9	335	10.6	3.4	7.0	-	24.3	-11.5	-	-	1306	105	32	1 Feb, 23 Nov	219	179	-	-	-	-	-	-	86	(153)	-	-	-	-	-
Bwlchgwyn	9 9	386	9.9	4.2	7.1	-	23.3	-8.5	7.7	-	1186	107	31	1 Feb	217	171	53	46	0	0	4	36	64	97	-	7	-	-	
Colwyn Bay	9 9	18	12.3	7.1	9.7	-	26.0	-3.8	-	-	777	103	48	2 Aug	197	137	5	0	1	0	3	0	31	-	0	(3.74)	90	-	
Corwen	9 9	144	12.1	4.4	8.3	-	25.6	-11.2	-	-	1100	105	33	16 Jun	215	164	21	24	3	2	5	-	72	123	-	1	-	S	
Hawarden Bridge	9 9	5	13.3	6.1	9.7	-0.2	27.8	-7.1	-	-	764	108	35	8 Aug	192	139	23	13	1	4	6	8	44	-	3	-	-	-	
Logarheads	9 9	210	11.3	4.6	7.9	-	24.3	-11.0	9.0	9.3	1000	112	26	1 Feb, 15 Jun, 31 Jul	202	163	32	38	1	7	2	16	67	119	-	0	3.44	-	
Prestatyn	9 9	4	-	-	-	-	28.2	-5.7	-	-	(694)	(103)	42	2 Aug	(199)	(126)	-	2	-	-	-	-	-	-	-	-	-	-	-
Ruthin	9 9	76	12.6	5.6	9.1	-	25.8	-8.4	-	-	730	95	27	15 Jun	197	138	16	17	1	3	0	1	57	-	1	3.52	-	-	
Pewys (North)																													
Hope	9 9	91	-	-	-	-	25.6	-9.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lake Vyrnwy	9 9	303	10.6	4.5	7.5	-0.4	23.6	-10.0	8.3	-	1575	96	46	18 Nov	225	177	54	51	11	5	5	39	67	114	-	30	-	-	
Llanfair Caernallion	9 9	236	11.9	5.4	8.7	-	25.2	-8.7	9.4	-	884	-	25	10 Jan	203	157	30	19	1	0	2	5	52	101	-	14	-	-	
Moel Cynnedd	9 9	358	10.5	3.5	7.0	-	24.4	-13.1	8.2	-	2264	-	64	1 Feb	233	203	45	40	2	16	7	-	91	-	-	-	-	-	
8A WALES S																													
Dyfed																													
Aberporth	21-9	134	11.6	7.2	9.4	-0.3	25.8	-5.6	-	-	735	78	32	14 Aug	189	140	30	9	17	1	3	10	29	57	43	23	3.85	90	
Aberystwyth	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Brawdy	21-9	111	11.7	7.0	9.3	-	25.4	-5.8	-	-	996	-	36	14 Aug	189	144	28	13	5	7	8	22	39	66	47	9	4.20	-	
Brynamman	21-9	183	12.3	6.3	9.3	-	25.7	-8.0	-	-	1308	-	37	18 Nov	215	176	39	-	11	4	3	7	45	65	-	0	-	-	
Carmarthen	9 9	15	-	-	-	-	27.2	-9.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cwmystwyth	9 9	301	10.8	(4.6)	(7.7)	-	24.5	-10.1	-	-	1687	97	47	27 Sep	224	191	15	23	0	1	3	-	65	100	-	0	2.66	-	
Dale Fort	9 9	33	12.8	7.6	10.2	-0.3	23.5	-5.0	10.8	-	766	-	26	28 Feb	173	127	8	5	2	4	2	16	22	47	-	11	4.71	-	
Gogerddan	9 9	31	12.2	6.5	9.6	-	27.5	-7.3	-	-	882	89	31	14 Aug	196	156	16	2	4	0	2	3	39	89	-	0	3.33	-	
Milford Haven (Conservancy Board)	21-9	37	12.6	(8.0)	(10.3)	-	23.3	-4.8	-	-	951	96	31	1 Dec	185	138	16	5	2	3	2	7	22	41	31	7	-	-	
Orielton	9 9	61	-	-	-	-	23.3	-6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Skokholm Island	9 9	34	-	-	-	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tenby	9 9	5	(12.9)	(6.9)	(9.9)	-	25.0	-6.0	-	-	908	-	28	14 Aug	161	149	8	6	0	0	0	-	27	-	-	2	4.58	-	
Travacoed	9 9	61	(12.6)	(5.7)	(9.1)	-	26.2	-9.2	(10.5)	-	1081	93	31	14 Aug	197	167	9	2	1	0	3	-	47	-	-	0	-	-	
Tregaron	9 9	178	12.1	(5.1)	(8.6)	-	25.2	-9.8	-	-	1209	-	31	20 Apr, 12 Dec	210	178	-	14	-	-	-	14	54	-	-	3.04	-	S	
Whitechurch	9 9	130	(12.3)	(5.9)	(9.1)	-	25.3	-8.2	-	-	(1336)	-	45	14 Aug	(207)	(160)	29	11	2	11	5	-	40	-	-	25	-	-	
Powys (South)																													
Cenarth	21-9	308	-	-	-	-	24.0	-13.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llangenny	9 9	122	-	-	-	-	25.7	-8.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Glamorgan																													
Mumbles Head	21-9	36	12.7	8.1	10.4	-	24.1	-4.7	-	-	-	-	-	-	-	21	4	3	1	3	9	17	(32)	(29)	-	-	-	-	
Neath	9 9	62	13.2	7.1	10.1	-	26.3	-7.5	-	-	(1082)	(83)	35	18 Nov, 12 Dec	(192)	(157)	22	4	5	1	2	6	34	64	-	2	-	-	
Penmaen	9 9	87	13.0	7.1	10.1	-	24.5	-6.2	11.0	11.2	1049	86	39	31 Jul	190	148	26	11	4	10	4	12	33	72	59	22	4.02	-	
Port Talbot	9 9	5	(13.8)	(7.3)	(10.5)	-	27.0	-9.5	-	-	(993)	(88)	36	18 Nov	(186)	151	21	3	2	0	2	0	(32)	-	-	5	(3.97)	-	
Swansea	9 9	10	-	-	-	-	24.0	-7.9	11.3	11.9	1022	88	34	12 Dec	(191)	(155)	-	3	-	-	-	2	-	55	-	-	-	S	
Whiteford Burrows	9 9	5	(13.3)	(7.2)	(10.3)	-	24.8	-7.0	-	-	-	-	-	-	-	-	17	11	2	2	4	-	36	(104)	-	-	-	-	
Mid Glamorgan																													
Aberdare Filter Station	9 9	174	12.2	5.7	8.9	-	24.6	-9.1	-	-	1512	-	53	18 Nov	209	154	-	-	-	-	-	-	49	-	-	-	2.99	-	
Cliffridd	21-9	194	-	-	-	-	-	-8.1	-	-	1315	-	39	18 Nov	197	154	25	14	0	1	2	-	-	-	-	0	-	-	
Llwynon	9 9	241	11.6	4.8	8.2	-	24.6	-9.6	-	-	1507	89	44	18 Nov	221	186	32	6	0	0	3	48	67	-	0	-	-	S	
Portcawl	9 9	6	-	-	-	-	25.4	-	-	-	(941)	(93)	(27)	18 Feb, 31 Jul	(167)	(152)	-	-	-	-	-	-	-	-	-	-	-	-	
South Glamorgan																													
Bridgend	9 9	40	(13.3)	6.4	(9.9)	-	25.9	-8.1	11.1	11.1	1102	-	52	18 Feb	198	159	20	12	0	5	5	-	45	-	3	-	-	-	
Cardiff (Butte Park)	9 9	9	13.7	6.6	10.1	-	26.3	-7.6	-	11.3	1015	-	31	10 Jan	197	142	10	-	0	0	1	-	36	104	-	0	3.71	-	
Rhose Airport	21-9	67	12.8	6.7	9.7	-	25.9	-7.4	-	-	(888)	-	31	10 Jan	(183)	(141)	33	13	15	4	3	10	39	-	1	4.24	-	-	
Gwent																													
Crumblaud	9 9	245	12.2	5.5	8.9	-	26.6	-7.6	9.3	9.5	-	-	-	-	-	-	15	24	0	1	1	68	54	117	-	11	3.87	-	
Usk	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Table 3 (continued)

District Region/County and Place	max. terminal h. (GMT) height of station above MSL (metres)	air temperature in °C						mean earth temperatures		rainfall (terminal h 09 GMT)		weather (number of days)										bright sunshine						
		means of			difference from 1941 - 70 average	highest max lowest min		°C 30 cm	°C 100 cm	total fall (mm)	percentage of 1941 - 70 average	most in a day		precipitation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	great rain below 0 °C	concrete mm. below 0 °C	gale	daily mean (hours) percentage of 1941 - 70 average	exposure	
		max.	(a)	(b)		daily mean (mean of a + b)	max.					min.	date	0.2 mm or more	1.0 mm or more													
		max.	(a)	(b)		daily mean (mean of a + b)	max.					min.	date	0.2 mm or more	1.0 mm or more													
88 ENGLAND SW																												
Avon																												
Bath	9 9	118	-	-	-	-	-7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Filton	21-9	59	13.3	6.7	10.0	0.0	26.9	-7.6	-	688	88	33	10 Jan	172	127	31	11	6	4	6	4	44	99	69	0	3.98	101	
Long Ashton	9 9	51	13.6	6.2	9.9	-0.1	26.5	-8.5	10.6	(743)	(85)	41	10 Jan	172	(137)	26	16	0	5	3	11	49	92	4	4.03	98		
Somerset																												
Cannington	9 9	28	-	-	-	-	27.0	(-7.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Crewkerne	9 9	101	13.1	(6.3)	(9.7)	-	25.8	-7.6	10.5	(901)	-	35	27 Jan, 31 Jul	(171)	(138)	12	13	0	0	4	-	42	-	-	9	-	-	
Downside Abbey	9 9	183	(12.6)	(5.8)	(9.1)	-	25.3	-8.0	-	(1049)	(97)	25	10 Jan	(194)	(144)	18	-	1	0	0	-	(52)	-	1	-	-		
Exton	21-9	329	11.7	5.4	8.5	-	23.5	-7.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hawkridge	9 9	314	-	-	-	-	23.2	-	-	(1288)	(84)	44	10 Jan	(215)	(173)	26	22	6	7	5	-	44	56	104	79	0	-	
Nettlecombe	9 9	96	(13.3)	-	-	-	24.3	-8.2	-	1014	-	57	31 Jul	170	129	15	12	1	0	0	13	-	-	1	-	-		
Nettlecombe (Birds Hill)	9 9	280	-	-	-	-	22.5	-	-	(1026)	-	51	24 Feb	(175)	127	22	-	0	1	0	-	-	-	2	-	-		
Rodney Stoke	9 9	40	(13.3)	(6.3)	(9.8)	-	26.2	-6.9	11.0	(765)	(84)	29	27 Jan	(191)	(142)	14	9	2	1	9	12	(40)	(94)	-	9	-		
Wincanton	9 9	113	-	-	-	-	26.3	-	-	847	92	29	29 Jul	(175)	(146)	-	12	-	-	-	-	-	-	-	-	-	-	
Yeovilton	21-9	18	13.9	6.0	9.9	-	26.9	-9.1	-	702	92	31	19 Feb	170	123	19	9	3	2	9	17	59	-	12	-	-		
Dorset																												
Bournemouth	21-9	10	13.7	6.0	9.9	-	26.0	-9.7	-	(799)	(99)	51	31 Jul	(169)	(121)	20	8	2	6	8	10	63	83	67	1	4.29	-	
Meyrick Park	9 9	40	-	-	-	-	-7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Christchurch	9 9	3	13.6	(6.8)	(10.2)	-	24.9	-6.5	-	(801)	(102)	42	31 Jul	154	129	14	8	4	0	7	-	(46)	(77)	-	4	-		
Poole	9 9	5	(13.9)	(6.4)	(10.1)	(-0.3)	26.1	-7.0	(11.1)	(754)	(97)	33	31 Jul	(162)	(124)	10	5	0	1	2	32	(39)	(88)	-	0	4.33		
Portland Bill	21-9	53	12.6	(8.3)	(10.5)	(-0.2)	21.2	-5.2	-	711	-	43	30 Jul	158	110	11	3	2	3	8	14	17	-	39	(4.80)	-		
(Coastguard)	9 9	11	13.2	7.6	10.4	-0.1	24.8	-5.6	11.9	(804)	(99)	35	31 Jul	165	(127)	13	3	4	1	8	6	22	53	-	13	4.57		
Swanage	9 9	23	(13.8)	(6.9)	(10.3)	-	24.0	-7.1	-	(790)	-	38	31 Jul	(166)	(128)	7	-	0	0	2	-	(40)	-	0	4.57			
Weymouth	9 9	26	(13.7)	(6.2)	(9.9)	-	26.0	-8.5	-	(928)	(106)	49	30 Jul	(168)	(132)	17	9	0	4	8	46	(112)	-	8	-	-		
Winfrith	9 9	26	(13.7)	(6.2)	(9.9)	-	26.0	-8.5	-	(928)	(106)	49	30 Jul	(168)	(132)	17	9	0	4	8	46	(112)	-	8	-	-		
Devon																												
Chawleigh	9 9	168	-	-	-	-	23.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Exeter Airport	21-9	32	13.9	6.7	10.3	0.0	25.5	-7.9	-	806	104	47	18 Feb	171	126	26	11	1	13	7	9	45	-	6	3.94			
Exmouth	9 9	59	-	-	-	-	24.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hartland Point	21-9	93	(11.8)	-	-	-	25.5	-4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hfracombe	9 9	8	(13.3)	(8.5)	(10.9)	-	26.0	-3.6	(11.9)	(984)	-	33	18 Nov	(189)	(147)	13	5	0	0	-	14	-	-	1	-	-		
Okehampton	9 9	372	(10.9)	5.5	(8.2)	-	22.6	-8.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-	-		
Plymouth	21-9	27	13.5	7.9	10.7	0.0	24.4	-5.8	-	900	91	28	19 Feb	176	130	19	4	5	21	7	6	25	62	44	12	4.51		
Mount Batten	9 9	36	-	7.8	-	-	24.6	-5.8	11.4	825	85	25	18 Feb	159	120	-	-	-	-	-	-	21	84	-	16	4.46		
The Hoe	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Prawle Point	9 9	414	(10.7)	5.0	(7.9)	-	22.5	-9.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Princetown	9 9	10	-	(7.4)	-	-	24.0	-6.0	-	(786)	(100)	32	27 Jan	(176)	(125)	-	-	-	-	-	-	-	-	-	-	-		
Sidmouth	9 9	32	14.0	(7.5)	(10.7)	-	23.3	-5.0	-	951	89	28	10 Jul	175	134	13	0	3	6	4	10	18	85	-	4	-		
Slapton	9 9	9	13.9	6.7	10.3	0.0	25.0	-7.0	11.2	769	95	29	18 Feb	159	117	18	8	2	4	4	22	38	72	-	16	4.40		
Starcross	9 9	3	-	-	-	-	-5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Teignmouth	9 9	8	14.1	7.7	10.9	0.0	23.6	-5.4	12.0	941	105	44	18 Feb	168	124	13	3	4	2	5	6	22	46	-	16	5.07		
Torbay (Torquay)	9 9	8	14.1	7.7	10.9	0.0	23.6	-5.4	12.0	941	105	44	18 Feb	168	124	13	3	4	2	5	6	22	46	-	16	5.07		
Cornwall																												
Zastreet	9 9	236	12.1	5.3	8.7	-	24.0	-10.3	-	1559	91	49	1 Dec	216	167	25	18	11	1	3	12	57	80	-	1	4.13		
Bude	9 9	15	13.3	7.1	10.3	-0.2	27.1	-7.0	11.5	(831)	(96)	30	15 Feb	(193)	(151)	16	6	5	2	2	5	29	-	16	4.00			
Culdrose	9 9	81	12.9	7.6	10.3	-	23.2	-5.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Falmouth	9 9	51	-	-	-	-	23.6	-5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Fowey	9 9	75	(13.2)	7.2	(10.2)	(-0.7)	23.0	-6.7	-	980	-	36	18 Nov	189	146	16	5	1	16	7	20	24	-	15	-	-		
Gulval	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gwennap Head	21-9	66	(12.7)	(8.8)	(10.7)	-	23.2	-4.0	-	641	-	19	18 Feb	167	122	10	-	9	6	0	17	8	-	55	-	-		
Lizard	9 9	73	13.1	8.1	10.6	-0.3	23.0	-3.7	-	795	90	50	18 Feb	162	133	9	2	3	0	1	17	12	-	55	4.91			
Newquay	9 9	53	-	-	-	-	-6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Penzance	9 9	19	14.0	8.1	11.1	-0.2	23.9	-3.9	-	1064	97	36	1 Dec	(195)	(147)	7	3	13	0	5	0	14	-	24	(5.00)			
Roanearne	9 9	76	13.2	7.7	10.5	-	23.2	-4.8	11.7	1090	104	47	18 Feb	192	144	16	4	15	2	6	4	15	59	-	21	4.18		
St Austell (Bethel)	9 9	55	13.3	7.6	10.5	-	23.2	-6.0	-	1078	-	31	18 Nov	194	143	17	3	0	14	5	12	18	44	-	13	-		
St John's	9 9	128	(13.1)	(6.1)	(9.6)	-	25.7	-8.3	-	1111	93	39	1 Dec	(189)	(149)	-	-	-	-	-	-	38	-	-	(4.11)	-		
St Mavegan	21-9	103	13.0	7.9	10.5	-	24.4	-6.3	-	932	92	31	1 Dec	193	151	24	5	16	14	9	15	24	-	10	4.56			
Scilly (St Marys)	21-9	51	(13.5)	9.4	(11.5)	(-0.1)	22.8	-1.2	-	808	92	26	1 Dec	184	129	8	2	9	6	2	11	4	14	(10)	26	4.71		
Channel Islands																												
Alderney	9 9	88	(12.7)	(8.2)	(10.5)	-	23.7	-3.9	11.6	758	-	83	1 Aug	149	116	-	-	-	-	-	-	8	34	-	-	4.67		
Guernsey	21-9	104	12.7	8.6	10.7	-0.2	25.0	-2.3	11.4	813	94	59	18 Feb	159	120	23	7	13	22	8	13	10	38	24	19	4.80		
Airport	9 9	5	13.9	8.8	11.3	-	24.3	-1.8	-	783	97	42	18 Feb	173	118	7	-	6	1	1	-	6	-	0	5.14			
L'Ancrese	9 9	83	13.3	8.2	10.7	-	26.0	-4.0	11.4	867	102	42	30 Dec	177	126	21	3	10	17	8	13	18	32	29	7	4.87		
Gorey Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Helier	9 9	54	14.1	8.6	11.3	-0.6	27.3	-3.4	-	877	103	49	18 Feb	172	122	12	-	12	10	6	9	9	56	-	0	5.13		
NORTHERN IRELAND																												
Londonderry																												
Aghaloo	9 9	18	12.3	6.1	9.2	-	24.5	-5.0	-	799	-	47	27 Dec	216	169	16	-	5	1	0	-	31	79	-	-	-		
Banagher (Caugh Hill)	9 9	216	11.2	4.8	8.0	-	22.7	-6.5	-	1461	-	46	27 Dec	263	211	45	-	4	1	1	8	60	115	-	45	3.00		
Carmona	9 9	73	11.7	6.1	8.9	-	25.0	-5.4	-	891	-	37	14 Nov	236	183	-	-	-	-	-	6	27	91	-	9	2.98		
Coleman University	9 9																											

Table 4 Summary of observations at fixed hours

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District Region/County and Place	height of barometer station (m)	time of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																													
			at MSL (mb)	difference from 1010.0 (mb)	dry bulb °C	dew point temperature °C	relative humidity (%)	mean	oktas				0-20 m	200-300 m	400-900 m	1000-1800 m	2000-3000 m	4-9 km	10-19 km	20-39 km	40 km and over	beaufort force						N	NE	E	SE	S	SW	W	NW															
									0	1-2	3-5	6-7										8	9 or more	22-32	33 or more	0	1-10									11-20	21-30	31 or more												
																																							Number of observations											
0 SCOTLAND N																																																		
Shetland																																																		
Fair Isle	61	9	1010.3	-	7.2	0.8	9.1	87	6.2	5	42	38	157	107	16	0	11	5	5	13	21	42	90	75	103	39	91	158	68	9	46	29	48	53	54	32	62	32												
	15	1010.3	-	7.6	1.0	9.3	86	6.1	6	39	51	137	114	18	0	8	5	15	19	17	41	85	98	77	31	110	171	47	6	44	30	47	51	65	28	70	34													
	21	1010.5	-	6.9	0.7	9.1	89	6.1	8	46	42	123	124	20	0	15	2	4	27	16	28	83	96	94	36	84	147	81	17	41	22	49	50	48	42	60	36													
Lerwick	83	3	1010.1	-0.1	6.8	-	-	-	6.3	3	22	72	134	122	12	0	8	7	6	4	27	73	69	107	64	5	67	170	118	5	39	34	41	55	56	55	55	55												
	15	1010.0	-	7.4	-	8.8	-	-	6.3	5	28	62	146	110	14	0	9	4	9	3	24	74	81	101	60	6	60	199	97	3	30	26	33	50	56	59	61	38												
	21	1010.3	-	6.2	-	8.7	-	-	6.3	6	29	61	116	137	16	0	12	5	7	6	27	66	82	121	39	5	61	154	136	9	35	32	24	47	61	63	54	40												
Orkney																																																		
Kirkwall	26	3	1010.4	-	6.4	0.6	9.0	91	6.1	6	41	46	126	136	10	0	4	6	4	9	55	87	153	42	4	36	185	121	19	31	20	31	53	66	46	78	21													
	9	1010.6	-0.0	7.7	0.9	9.4	86	6.3	8	31	40	171	111	4	0	1	6	1	13	47	92	127	77	6	46	196	111	6	39	23	39	50	70	42	66	30														
	15	1010.6	-	8.7	1.4	9.5	81	6.2	3	37	52	156	116	1	0	0	2	3	6	58	70	132	94	5	63	196	100	1	38	22	39	55	72	27	76	33														
	21	1010.8	-	6.8	0.7	9.1	89	6.1	2	48	50	133	123	9	0	5	3	4	7	49	78	148	67	4	40	164	142	15	27	18	42	56	57	43	81	26														
Western Isles																																																		
Barbacoie	7	3	1010.0	-	7.6	0.6	9.8	91	5.9	7	52	57	120	129	0	0	1	1	1	12	49	61	160	80	4	48	144	159	10	43	33	36	50	60	46	59	28													
	9	1010.2	-0.6	8.6	0.9	10.0	87	6.2	6	36	47	180	96	1	0	0	2	1	14	42	68	158	80	2	57	178	125	3	39	31	43	39	77	46	52	36														
	15	1010.2	-	9.8	1.4	10.2	82	6.0	6	40	59	162	98	0	0	0	0	7	8	34	59	144	113	1	63	199	101	1	29	32	28	42	65	61	72	36														
	21	1010.4	-	8.2	0.8	10.0	89	5.8	5	56	54	139	108	3	0	0	0	4	1	11	44	50	157	98	1	53	164	136	11	42	30	39	44	58	48	65	27													
Stornoway	6	3	1009.9	-	7.1	0.6	9.5	91	5.9	10	58	42	111	142	2	0	0	1	3	1	3	47	92	181	37	1	24	131	192	17	41	21	42	20	61	64	85													
	9	1010.2	-0.6	8.1	0.9	9.7	87	6.2	2	31	62	161	109	0	0	0	1	2	10	56	81	153	62	4	29	157	164	11	26	39	37	28	79	58	83	34														
	15	1010.0	-	9.2	1.4	9.9	82	6.1	3	34	60	163	106	0	0	0	0	0	0	8	47	78	156	74	5	27	201	132	0	26	44	36	28	84	48	89														
	21	1010.4	-	7.7	0.8	9.7	89	5.9	7	55	49	131	123	0	0	0	1	1	4	46	85	179	49	0	24	145	184	12	40	26	41	34	57	69	63	23														
Highland																																																		
Cape Wrath	113	3	1009.6	-	7.3	0.8	9.4	89	6.2	3	26	94	171	140	31	0	17	7	8	1	4	15	52	173	88	12	67	134	151	1	22	22	58	42	34	98	55	33												
	9	1009.7	-	7.5	0.8	9.4	88	6.6	4	6	75	104	147	29	11	12	10	1	3	21	64	165	77	20	49	139	154	3	26	17	58	50	29	97	55	31														
	15	-	-	-	-	-	-	-	6.6	1	14	54	137	122	27	4	14	7	7	0	3	21	60	168	81	21	66	134	144	0	22	16	62	43	25	99	61	37												
	21	1009.9	-	7.6	0.8	9.5	89	6.4	1	15	86	92	142	29	0	11	10	8	0	0	12	61	174	89	17	68	136	141	3	23	16	63	44	32	86	67	31													
Dalcross	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
Wick	37	3	1010.4	-	6.3	0.7	8.8	89	5.9	6	54	56	129	114	7	0	5	2	3	4	19	52	52	144	84	1	18	144	197	5	35	17	28	60	66	54	70													
	9	1010.6	-0.3	7.5	1.1	9.1	84	6.3	6	31	41	195	86	7	0	2	4	3	6	11	56	80	123	100	2	28	179	156	0	39	17	37	55	74	36	66	41													
	15	1010.5	-	8.6	1.6	9.2	79	6.2	1	33	53	191	83	4	0	1	2	4	3	8	40	57	138	107	2	39	192	131	1	27	23	35	66	74	28	68	43													
	21	1010.9	-	6.9	0.9	8.9	86	5.9	1	63	42	143	108	8	0	3	4	2	3	10	52	56	163	72	2	16	155	188	4	39	18	37	57	58	39	70	43													
1 SCOTLAND E																																																		
Grampian																																																		
Dyce	69	3	1011.0	-	6.2	0.8	8.8	88	6.1	10	48	46	117	131	13	0	2	4	15	11	39	76	47	93	78	0	4	91	218	52	26	12	21	40	67	33	55	59												
	9	1011.2	-0.8	8.0	1.3	9.2	82	6.2	6	39	40	166	110	4	0	0	0	7	11	34	67	55	69	122	0	6	122	209	28	34	15	24	47	56	46	53	62													
	15	1010.9	-	9.8	2.0	9.4	75	6.1	4	42	43	161	113	2	0	0	3	2	6	21	82	46	80	125																										
	21	1011.4	-	7.2	1.0	9.1	86	5.9	12	47	54	111	137	4	0	1	2	9	7	37	83	66	83	77	0	7	93	236	29	30	11	38	52	64	36	51	64													
Frederburgh	11	3	1010.9	-	7.4	0.8	9.4	88	5.9	11	51	65	159	14	0	0	1	4	2	0	6	172	213	0	5	47	120	190	3	24	14	32	54	83	48	64	43													
	9	1011.1	-0.5	8.3	1.1	9.8	85	6.2	3	24	76	115	140	7	0	4	1	0	1	12	129	171	0	5	49	128	182	1	30	10	40	56	73	56	64	52														
	15	1010.9	-	9.3	1.4	9.9	82	6.1	3	21	88	125	124	4	0	0	1	4	1	0	9	133	217	0	6	50	136	173	0	29	16	51	68	65	25	64	47													
	21	1011.3	-	7.9	0.9	9.6	87	6.0	7	37	83	90	140	8	0	3	0	7	1	1	14	165	171	0	8	50	115	191	1	26	10	38	73	84	29	48	46													
Kinross	6	3	1010.8	-	6.8	1.0	8.7	85	5.9	6	47	47	164	99	2	0	0	1	2	2	17	53	66	147	77	1	5	108	226	25	19	13	45	21	59	124	33													
	9	1011.1	-0.4	8.1	1.4	9.1	81	6.2	4	32	49	197	82	1	0	0	0	0	0	10	66	57	111	33	1	14	124	212	13	37	19	41	22	46	101	54	32													
	15	1010.9	-	10.1	2.1	9.4	74	6.1	4	33	47	214	70	0	0	0	0	0	0	2	6	33	73	98	153	2	17	165	186	5	56	25	51	23	32	85	64	47												
	21	1011.3	-	7.7	1.2	9.1	83	5.9	1	62	51	159	97	2	0	1	0	0	5	18	44	68	137	92	1	7	119	226	120	20	17	76	16	47	117	37	23													
Lossiemouth	6	3	1010.7	-	6.5	0.9	8.7	86	5.9	8	50	49	149	108	1	0	0	3	4	13	49	59	129	105	1	10	128	205	21	24	7	46	51	39	106	47	24													
	9	1010.9	-	8.2	1.5	9.1	81	6.2	1	32	44	192	91	1	0	0	4	5	12	43	59	89	153	1	14	151	193	6	38	16	44	43	36	65	62	25														
	15	1010.6	-	9.8	2.1	9.3	74	6.2	1	33	46	211	72	2	0	0	2	2	2	2	44	64	92	159	2	23	180	156	4	32	23	73	30	29	68	73	33													
	21	1011.1	-	7.6	1.2	9.1	83	5.8	3	54	53	161	92	2	0	0	1	1	4	44	67	118	114	2	18	136	197	12	23	8	80	39	38	91	47	27														
Tayside																																																		
Uran	3	9	-	-	-	-	-																																											

Table 4 (continued)

[illegible]

Table 4 (continued)

District Region/County and Place		height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount				visibility										wind speed and direction															
				at MSL (mb)	difference from 1941-70 average	dry bulb (°C)	dew point of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	mean	oktas				0-38 m	40-190 m	200-390 m	400-990 m	1000-1900 m	2000-3900 m	4-9 km	10-19 km	20-39 km	40 km and over	beaufort force														
											0	1-2	3-5	6-7											8	sky obscured	speed (kts)				calm								
																											0	1-10	11-21	22-33 or more	0	1	2	3	4	5	6-7	8 or more	
																																							N
Number of observations																																							
3 EAST ANGLIA -cont																																							
Essex																																							
Shoeburyness	5	9	1014.6	-1.1	10.0	1.3	10.7	83	6.1	6	41	37	186	91	4	0	4	2	4	15	26	73	116	101	24	0	5	131	229	0	39	26	29	25	52	71	72	51	
	15	1013.9	-	-	12.3	2.4	10.9	74	6.0	4	44	48	184	84	1	0	1	0	3	4	14	74	97	131	41	0	10	168	187	0	31	20	58	32	39	77	67	41	
	21	1014.6	-	-	9.7	1.2	10.7	65	5.2	24	68	60	120	90	3	0	3	1	5	6	21	68	95	136	30	0	6	111	244	4	36	32	27	33	42	93	63	35	
Stansted	102	3	1014.0	-	7.0	0.6	9.6	91	5.8	26	46	49	91	142	11	0	7	14	14	20	58	109	76	61	6	0	2	74	256	33	42	28	18	31	38	77	57	41	
	9	1014.4	-1.1	-	8.9	-2	10.1	85	6.1	9	43	46	132	121	14	1	6	10	9	11	40	92	77	90	29	0	3	118	228	16	44	30	32	27	40	67	69	40	
	15	1013.5	-	-	11.9	2.7	9.9	70	5.9	5	44	53	159	88	6	0	3	2	4	5	11	56	93	131	58	0	8	167	188	2	44	28	31	31	38	68	74	49	
	21	1014.3	-	-	8.6	1.2	9.9	85	5.3	21	71	48	118	102	5	0	4	1	4	9	46	101	83	101	16	0	2	73	275	15	45	27	38	36	38	78	56	32	
4 MIDLAND COUNTIES																																							
West Yorkshire																																							
Huddersfield	235	3	1013.2	-	5.9	0.7	8.6	89	6.7	14	13	39	72	225	2	1	9	8	19	19	27	98	119	64	1	7	18	87	211	42	22	30	15	28	47	63	81	37	
Oakes	9	1013.5	-	-	8.0	1.1	9.6	86	6.3	22	16	54	91	179	3	1	8	5	16	17	25	138	70	84	1	2	9	99	238	17	36	23	27	31	71	56	78	26	
	15	1013.0	-	-	10.2	1.9	10.0	78	6.5	10	13	51	126	180	5	1	4	5	1	10	23	73	107	138	3	4	18	127	209	7	37	15	26	35	55	76	85	28	
	21	1013.5	-	-	7.5	0.8	9.6	88	6.1	31	20	49	102	158	5	0	7	3	12	6	27	59	104	147	0	1	18	82	205	59	25	18	23	24	43	61	81	31	
Widsten	267	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	1013.5	-	-	7.2	1.0	9.2	87	6.0	16	31	70	81	140	27	0	13	9	19	22	34	92	114	61	1	0	13	140	184	28	24	25	37	34	29	59	96	33	
	15	1012.9	-	-	9.3	1.8	9.4	78	6.1	3	33	79	102	132	16	0	9	5	9	13	18	88	142	81	0	0	14	160	174	17	25	29	32	30	39	53	124	16	
	21	1013.6	-	-	7.1	0.9	9.2	87	5.6	20	54	64	52	159	16	0	9	5	3	10	16	113	189	20	0	0	12	109	212	32	24	24	37	31	30	63	111	13	
South Yorkshire																																							
Finningley	15	3	1013.1	-	6.8	0.6	9.4	91	5.7	25	48	46	100	134	12	2	4	8	10	26	33	103	79	73	27	0	3	68	266	28	31	15	18	46	69	43	71	44	
	9	1013.4	-1.1	-	9.0	1.3	10.0	83	6.0	11	46	42	135	121	10	0	6	1	4	21	39	102	77	88	27	9	6	112	236	11	37	26	20	42	76	43	60	49	
	15	1012.7	-	-	11.7	2.5	10.2	72	6.0	4	38	70	149	100	4	0	3	0	3	8	20	62	106	119	44	0	8	161	194	2	39	25	39	31	53	56	84	36	
	21	1013.4	-	-	8.5	1.1	10.0	86	5.6	27	51	39	130	115	3	0	5	0	8	22	35	89	85	104	17	0	2	78	270	15	35	19	32	49	55	59	70	31	
Nottinghamshire																																							
Wattall	119	3	1013.7	-	6.8	0.5	9.5	92	5.7	41	40	35	86	166	7	1	5	4	9	22	54	116	99	55	0	0	1	65	277	22	45	30	27	19	30	93	88	28	
	9	1014.0	-0.6	-	8.5	1.1	10.0	86	6.1	13	47	37	125	132	11	0	9	7	17	22	54	110	81	60	5	0	4	102	265	6	43	40	27	14	39	96	65	35	
	15	1013.3	-	-	11.2	2.2	10.3	76	6.1	2	44	56	145	112	6	0	2	3	8	7	33	95	89	95	33	0	4	126	233	2	39	25	39	31	53	56	84	36	
	21	1014.0	-	-	8.3	1.0	9.9	87	5.5	32	60	43	113	123	4	0	3	5	14	12	42	124	100	63	2	0	8	83	272	10	31	41	31	19	37	89	81	26	
Salop																																							
Shawbury	76	3	1013.6	-	7.2	0.7	9.6	90	5.7	30	45	46	96	144	4	0	7	4	12	21	30	65	88	136	2	0	6	55	271	33	27	18	41	33	56	50	76	31	
	9	1013.8	-1.0	-	9.0	1.2	10.2	85	6.1	6	34	67	124	131	3	0	3	2	13	13	38	87	56	124	29	0	6	94	257	8	31	19	40	43	55	49	77	43	
	15	1013.2	-	-	11.8	2.3	10.6	74	6.2	1	20	80	171	91	2	0	2	0	4	5	19	60	91	137	47	0	17	143	204	1	44	21	41	31	44	51	87	45	
	21	1013.9	-	-	8.6	1.1	10.1	86	5.5	17	60	59	111	115	3	0	3	1	7	14	26	76	84	141	13	0	4	79	274	8	49	18	37	29	59	60	63	42	
West Midlands																																							
Edgbaston	165	9	1014.1	-1.1	8.5	1.4	9.3	81	6.3	11	26	40	147	127	12	2	8	5	9	20	20	129	117	49	6	0	2	71	273	19	30	26	30	19	64	64	49	62	
	15	1013.2	-	-	11.4	2.8	9.4	69	6.3	4	30	45	175	109	2	0	4	3	3	10	4	90	124	92	35	0	6	102	251	6	43	40	27	24	54	57	74	52	
	21	1014.0	-	-	9.2	1.7	9.6	78	5.5	24	54	53	116	113	5	2	3	4	3	5	11	104	149	80	4	0	1	63	275	26	48	25	30	14	58	63	80	41	
Elmdon	100	3	1014.0	-	6.9	0.7	9.3	89	5.6	38	45	41	103	131	9	0	8	5	12	14	30	80	106	90	7	0	0	91	238	38	28	23	16	44	59	64	43	60	
	9	1014.2	-0.9	-	8.8	1.4	9.7	82	6.2	6.1	21	34	50	140	119	11	0	3	6	7	15	37	92	145	52	8	0	6	134	217	8	27	38	20	39	60	57	53	62
	15	1013.4	-	-	11.8	2.8	9.8	69	6.1	4	35	55	169	99	3	0	0	1	5	6	10	65	150	109	19	0	7	170	186	2	35	38	25	31	47	68	86	53	
	21	1014.2	-	-	8.7	1.3	9.7	82	5.5	20	64	42	129	104	6	0	3	1	6	10	16	87	159	77	7	0	3	89	252	21	31	25	29	32	48	74	53	52	
Gloucester																																							
Innsworth	24	3	1014.1	-	7.8	0.9	9.8	88	5.4	49	33	45	120	111	7	0	6	3	3	9	31	112	101	86	12	0	1	47	268	48	42	24	14	21	106	67	27	16	
	9	1014.8	-	-	9.6	1.5	10.2	82	5.9	10	46	48	163	95	3	0	2	2	3	6	10	35	117	90	53	49	0	1	82	258	14	47	26	19	24	60	95	50	30
	15	1013.7	-	-	12.7	3.0	10.2	68	6.1	4	31	67	180	82	1	0	0	0	10	13	24	105	112	51	0	0	4	132	224	52	31	24	19	53	78	73	30		
	21	1014.4	-	-	9.6	1.5	10.2	81	5.3	22	61	56	136	88	2	0	2	3	4	9	13	70	103	113	84	27	0	3	54	282	26	26	28	23	95	96	39	17	
Oxfordshire																																							
Benson	74	3	1014.4	-	7.4	0.7	9.7	89	5.3	44	49	49	80	133	10	0	7	5	9	9	39	83	98	95	20	0	2	70	200	93	36	16	20	28	75	40	33	24	
	9	1014.8	-	-	9.2	1.3	10.1	83	6.1	6	47	44	149	101	11	0	5	7	8	7	41	66	94	86	40	0	6	115	199	43	23	19	29	56	54	55	36		
	15	1013.9	-	-	12.6	2.9	10.3	69	6.2	3	26	71	171	91	3	0	2	2	5	16	45	113	98	82	0	0	4	163	185	13	56	25	19	27	57	47	83	38	
	21	1014.7	-	-	9.3	1.3	10.2	83	5.3	27	62	56	104	110	6	0	5	3	0	6	22	82	97	115	35	0	4	70	227	64	38	26	33	28	71	63	37	1	

Table 4 (continued)

(beunitmo) d sldst

District Region/County and Place		height of barometer above MSL (metres) (ICMT)	hour of observation (GMT)	mean pressure		mean temperature and humidity		cloud amount				visibility										wind speed and direction																		
				at MSL (mb)	difference from 1013.25 average	dry bulb (°C)	dewpoint of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	mean	oktas										beaufort force					speed (kts)														
											0	1-2	3-5	6-7	8	sky obscured	0-39 m	40-190 m	200-390 m	400-990 m	1000-1900 m	2000-3900 m	4-9 km	10-19 km	20-39 km	40 km and over	10 or more	22-33	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW
Number of observations																																								
5 ENGLAND SE & CENT. S. -cont.																																								
Kent																																								
Manston	45	3	1014.4	-	-	-	-	-	5.6	28	47	53	104	125	8	0	6	4	4	15	29	88	110	102	7	1	10	118	234	2	33	31	13	30	58	88	68	42		
	9	1014.7	-	-	-	-	-	-	6.1	10	39	43	159	107	7	0	4	1	9	9	32	106	100	85	19	0	17	152	194	2	44	26	20	37	56	69	58	53		
	15	1014.2	-	11.8	2.3	10.7	74	5.8	7	58	49	154	96	1	0	2	1	2	6	19	111	82	106	36	0	21	180	164	0	35	42	20	38	51	70	56	53			
	21	1014.8	-	9.1	1.0	10.4	87	5.5	20	52	59	125	106	3	0	4	1	1	11	23	109	93	108	15	0	10	138	215	2	41	37	23	32	62	95	44	29			
Hampshire																																								
Southampton	9	3	1014.5	-	8.8	1.0	10.2	86	5.1	51	51	47	92	117	7	0	5	3	4	5	25	81	111	126	5	0	1	27	319	18	39	43	29	18	39	31	103	46		
Weather Centre (X)	9	1014.9	-	10.4	1.8	10.3	79	5.8	18	47	45	143	105	7	0	2	3	6	2	24	106	90	115	17	0	0	57	299	9	32	49	33	22	38	36	103	43			
	15	1014.2	-	13.2	3.1	10.4	67	5.9	5	46	57	163	93	1	0	0	1	1	4	11	58	96	171	23	0	1	88	276	0	29	36	17	44	53	43	101	42			
	21	1014.9	-	10.5	1.6	10.7	81	5.2	24	70	56	111	101	3	0	3	0	4	1	24	72	106	144	11	0	2	36	320	7	37	32	29	42	36	133	22				
West Sussex																																								
Gatwick	60	3	1014.6	-	7.0	0.5	9.8	93	5.5	40	48	39	92	131	15	1	14	10	13	28	47	121	74	53	4	0	7	62	248	48	29	40	22	15	36	89	58	28		
	9	1014.9	-1.0	9.3	1.3	10.3	84	6.1	9	43	42	154	108	9	0	7	4	8	8	33	115	101	59	30	0	5	108	225	27	38	40	26	19	35	72	52	56			
	15	1014.1	-	12.6	2.9	10.3	69	5.7	4	56	61	162	80	2	0	1	0	1	3	15	80	103	103	59	0	8	172	181	4	33	29	29	21	44	89	66	50			
	21	1014.9	-	9.0	1.1	10.3	86	5.2	31	57	63	106	104	4	0	7	0	0	8	40	128	93	77	12	0	6	75	257	27	29	35	27	24	37	110	52	24			
East Sussex																																								
Herstmonceux	28	3	1014.7	-	7.6	0.5	10.2	93	5.3	35	55	60	90	122	3	0	5	5	8	20	50	109	97	67	4	0	12	56	247	50	76	33	15	14	31	51	76	19		
	9	1015.1	-	9.7	1.1	10.9	86	5.9	12	41	51	158	98	5	0	4	2	4	8	28	81	128	80	30	0	0	57	299	9	32	49	33	22	38	36	103	43			
	15	1014.5	-	12.1	2.2	11.0	75	5.6	4	48	91	141	81	1	0	0	0	1	2	11	51	111	124	65	0	20	127	217	1	50	27	26	30	54	91	60	17			
	21	1015.1	-	8.9	0.8	10.6	89	5.2	24	65	72	96	107	1	0	2	1	7	9	29	95	117	99	6	0	12	63	240	50	74	30	21	9	32	62	68	19			
Cumbria																																								
Carlisle	28	3	1012.3	-	7.3	0.7	9.7	91	5.9	17	48	39	121	138	2	0	0	1	5	2	20	93	122	105	17	0	2	76	271	16	17	27	71	38	40	55	95	6		
	9	1012.5	-1.1	8.9	1.2	10.1	84	6.2	7	36	40	176	105	1	0	1	0	2	1	14	76	110	118	43	0	6	96	254	10	11	24	70	24	56	101	23				
	15	1011.9	-	11.2	2.1	10.4	76	6.4	2	21	63	187	92	0	0	0	0	0	2	7	45	115	127	69	0	6	132	226	1	20	19	61	24	30	59	122	29			
	21	1012.6	-	8.5	1.0	10.1	86	6.0	6	42	61	131	123	2	0	0	2	1	2	13	84	113	122	28	0	3	71	280	11	14	25	26	23	31	74	99	13			
7A ENGLAND NW & I.O.M.																																								
Lancashire																																								
Squires Gate	11	3	1013.1	-	8.0	0.7	10.1	90	5.8	25	38	49	120	127	6	0	3	3	5	4	29	92	93	120	16	0	17	153	189	8	23	21	74	62	31	28	73	47		
	9	1013.3	-0.8	9.5	1.2	10.5	84	6.2	10	33	39	172	104	7	0	5	0	5	9	28	94	101	106	17	1	20	179	165	0	21	22	58	66	36	32	79	53			
	15	1012.9	-	11.1	1.8	10.9	79	6.0	5	41	52	180	87	0	0	0	0	3	3	13	71	102	127	46	0	17	198	150	0	18	13	41	36	33	61	100	73			
	21	1013.3	-	9.0	1.0	10.4	86	5.8	15	44	53	138	112	3	0	2	2	0	7	22	89	103	125	15	1	14	168	180	2	30	23	55	42	26	49	69	60			
Greater Manchester																																								
Manchester	42	3	1013.2	-	8.5	1.2	9.8	84	6.0	25	31	43	136	130	0	0	0	2	2	9	27	125	137	63	0	0	2	38	312	13	36	40	35	35	84	51	49	22		
Weather Centre (X)	9	1013.4	-	9.6	1.7	9.7	78	6.2	14	33	41	146	131	0	0	0	0	4	5	42	124	133	50	7	0	0	62	291	12	33	26	26	41	63	67	62	26			
	15	1012.8	-	11.8	2.7	9.9	69	6.3	4	21	61	158	121	0	0	0	0	3	2	20	83	129	103	15	0	1	96	266	2	31	33	32	25	51	56	104	31			
	21	1013.5	-	9.8	1.7	10.0	79	5.7	20	50	43	141	111	0	0	0	1	1	5	18	106	138	95	3	0	0	52	305	8	36	37	38	34	56	53	86	17			
Ringway																																								
	84	3	1013.5	-	7.8	0.9	9.8	88	5.9	17	48	42	115	138	5	0	3	3	2	12	32	124	99	86	4	0	4	87	269	5	11	28	31	23	131	51	52	33		
	9	1013.6	-0.8	9.1	1.4	9.9	82	6.0	7	48	43	150	113	4	0	0	6	5	12	38	102	129	68	4	0	4	128	231	2	16	26	32	30	97	54	68	43			
	15	1013.0	-	11.5	2.5	10.0	71	6.1	5	35	51	182	91	1	0	2	1	0	6	22	94	130	103	17	0	6	185	172	2	22	19	39	27	57	50	101	48			
	21	1013.7	-	9.2	1.3	10.1	82	5.6	26	42	66	100	130	1	0	0	2	2	9	33	132	94	88	5	0	2	105	250	8	18	20	40	26	95	47	71	40			
Isle of Man																																								
Point of Ayre	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	9	1012.8	-0.4	9.5	1.0	10.6	87	6.3	8	18	66	121	148	4	0	1	3	0	4	6	34	85	152	80	6	6	62	212	72	13	15	36	27	61	34	53	81	45		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	21	1012.9	-	9.1	0.9	10.5	87	5.8	4	43	97	72	148	1	0	0	0	3	3	2	25	81	95	156	3	62	168	167	25	17	27	26	32	51	65	64	58			
Ronaldsway																																								
	21	3	1012.5	-	8.2	0.9	9.9	87	5.9	8	53	56	116	128	4	0	0	3	2	4	9	71	85	127	64	3	3	163	163	6	55	29	36	28	35	40	87	40		
	9	1012.8	-0.6	9.4	1.2	10.3	84	6.1	5	43	47	164	103	3	0	0	1	3	3	27	71	90	87	83	3	36	185	138	3	36	14	60	35	36	57	85	39			
	15	1012.5	-	10.6	1.7	10.4	78	5.9	5	55	52	146	106	1	0	0	0	4	6	20	61	94	104	76	1	36	185	141	1	30	14	51	31	39	77	74	48			
	21	1012.9	-	8.9	1.1	10.1	85	5.9	3	52	56	130	121	3	0	1	1	2	6	22	70	90	105	68	1	40	149	168	7	40	28	38	20	43	51	79	50			
7B WALES N																																								
Gwynedd																																								
Bardsey Island	19	3	1013.5	-	9.5	0.9	10.8	88	5.3	54	31	69	59	140	12	6	2	1	3	1	4	30	283	31	4	23	83	116	142	21	79	12	16	25	50	49	75	38		
	9	1013.7	-	10.1	1.0	11.1	87	6.3	8	19	75	121	138	5	1	1	1	1	3	3	30	243	63	19	20	80	127	125	14	14	14	33	38	40	68	31				
	15	1013.4	-	11.0	1.3	11.4	84	6.0	13	20	89	122	117	4	0	2	1	3	1	22	203	104	28	17	74	130	133	11	67	15	16									

[illegible]

Table 5 Number of days with maximum and minimum temperatures between given limits during 1978

Station	Maximum °C										Station	Maximum °C									
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	15.0 or less	-14.9 to -10.0		0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	Above 30.0	-15.0 or less	-14.9 to -10.0
Larwick (Psychrometer)	7	89	130	130	11	0	0	0	0	0	4	34	135	168	24	0	0	0	0	0	0
Larwick (Screen)	8	70	130	144	13	0	0	0	0	0	4	134	163	23	0	0	0	0	0	0	0
Stornoway	1	43	127	151	41	2	0	0	0	0	3	35	102	161	64	0	0	0	0	0	0
Craibstone	8	63	90	119	75	10	0	0	0	3	8	54	128	129	43	0	0	0	0	0	0
Abbotsinch	4	53	82	100	104	18	4	0	0	1	24	41	86	137	76	0	0	0	0	0	0
Rothsay	2	48	99	112	92	11	1	0	0	0	0	38	101	150	76	0	0	0	0	0	0
Eskdalemuir (Psychrometer)	16	99	79	114	75	11	1	0	0	3	21	59	123	120	39	0	0	0	0	0	0
Eskdalemuir (Screen)	14	99	80	103	83	14	2	0	0	2	20	58	116	122	46	1	0	0	0	0	0
Boulmer	1	55	102	113	86	5	0	0	0	0	4	44	100	156	99	0	0	0	0	0	0
Hull	1	41	75	102	102	42	2	0	0	0	4	42	98	131	87	0	0	0	0	0	0
Corlestone	1	45	58	103	96	52	10	0	0	0	9	50	87	134	80	5	0	0	0	0	0
Cambridge (Botanic Gardens)	1	45	58	103	96	52	10	0	0	0	9	50	87	134	80	5	0	0	0	0	0
Edgworth	8	46	83	104	90	33	3	0	0	0	1	36	112	118	86	12	0	0	0	0	0
Kew (Psychrometer)	2	34	89	91	106	58	5	0	0	0	1	25	98	110	117	10	3	0	0	0	0
Kew (North-Wall Screen)	3	34	70	80	97	64	8	0	0	0	1	25	98	110	117	10	3	0	0	0	0
Southampton	1	22	68	101	113	57	3	0	0	0	2	30	80	119	126	5	0	0	0	0	0
Hastings	3	27	66	83	137	17	2	0	0	0	2	30	80	119	126	5	0	0	0	0	0
Stonyhurst	1	36	112	118	86	12	0	0	0	0	0	23	108	132	102	0	0	0	0	0	0
Douglas	1	36	112	118	86	12	0	0	0	0	0	23	108	132	102	0	0	0	0	0	0
Valley	1	25	98	110	117	10	3	0	0	0	0	27	72	132	132	2	2	0	0	0	0
Rhodes	2	32	83	98	122	27	1	0	0	0	4	38	82	138	104	1	0	0	0	0	0
Falmouth	1	39	95	107	107	16	0	0	0	0	5	40	98	137	83	2	0	0	0	0	0
Aldergrove	1	39	95	107	107	16	0	0	0	0	5	40	98	137	83	2	0	0	0	0	0
Armagh	1	44	83	104	110	23	0	0	0	0	6	42	95	136	86	0	0	0	0	0	0

Table 6 Summary of autographic records of wind for 1978

District Region/County and Place				height of vane in metres		distribution of hourly mean values of wind speed										highest values								
				above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt				11-21 kt		4-10 kt		less than 4 kt		hourly wind			
							number of days	number of hours	number of days	number of hours	number of days	number of hours	number of days	number of hours	number of days	number of hours	year from N	speed kt	date	hour beginning	year from N	speed kt	date	time
0 SCOTLAND N																								
Shetland		Larwick	93	10	10	24	108	153	1493	4191	2587	375	6	14.5	210	59	16 Sep	18	210	84	16 Sep	1830		
Orkney		Kirkwall Airport	41	15	10	17	106	138	1099	4544	2484	527	0	13.7	250	56	14 Nov	14	250	87	16 Sep	1818		
Western Isles		Benbecula	16	10	10	12	51	145	1367	4275	2595	472	0	13.9	200	45	16 Sep	12	240	73	14 Nov	1006		
Highland		Stornoway	12	10	10	10	56	105	688	3954	3314	746	2	11.9	230	48	14 Nov	09	240	72	14 Nov	0912		
		Dalcross	19	10	10	6	32	71	376	3316	3371	1636	29	9.9	210	41	16 Sep	13	63	16 Sep				
		Dounreay	34	12	9	8	42	92	606	3593	3279	1051	189	11.1	130	45	7 Dec	18	260	63	14 Nov	1436		
		Duirinish	38	20	17	9	33	93	570	3384	3458	1090	225	10.8	160	50	14 Nov	11	170	69	14 Nov	1118		
		Fort Augustus	58	16	16	0	0	6	23	1495	3961	3235	46	5.8	240	29	16 Sep	15	240	58	14 Nov	1100		
		Wick	45	10	10	7	45	97	573	4117	3330	695	0	11.9	250	44	16 Sep	16	250	66	16 Sep	1700		
1 SCOTLAND E																								
Aberdeen		Dyce Airport	68	10	10	1	3	36	132	2797	4074	1754	0	8.6	210	40	14 Nov	10	200	65	14 Nov	1042		
		Fraserburgh	29	13	11	20	65	121	1015	3263	3606	785	26	11.9	280	42	24 Oct	15	240	69	14 Nov	1324		
Tayside		Kinloss	18	13	13	6	31	64	303	3231	4119	1076	0	9.9	240	46	14 Nov	11	230	68	14 Nov	1124		
		Lossiemouth	17	10	10	7	35	76	392	3468	3669	1174	2	10.4	350	44	29 Jan	04	230	68	16 Sep	1524		
		Bell Rock	39	40	38	44	270	200	1845	4159	1851	632	2	15.8	200	48	14 Nov	09	200	64	14 Nov	0924		
Fife		Mynefield	40	10	10	0	0	8	34	1487	4221	2951	67	6.5	200	29	15 Nov	10	240	53	14 Nov	1124		
		Tunnel Bridge	161	16	16	0	0	5	20	842	4321	3492	85	5.4	270	28	11 Jun	12	270	57	14 Nov	1142		
Lothian		Leuchars	25	13	13	1	2	67	469	3202	3774	1313	0	10.1	220	35	14 Nov	10	220	57	14 Nov	0906		
		Edinburgh																						
		Turnhouse Airport	43	13	10	0	0	50	272	3340	3808	1340	0	9.6	190	33	19 Mar	12	210	58	14 Nov	1000		
		Royal Observatory, Blackford Hill	159	10	10	Defective Record																		
		Forth Road Bridge	72	72	Defective Record																			
6 SCOTLAND W																								
Strathclyde		Abbotsinch Airport	16	10	10	2	2	31	164	2887	4169	1536	2	8.8	210	35	15 Nov	10	210	57	15 Nov	1106		
		Ardrossan	24	20	14	0	42	127	797	4094	2494	583	30	12.9	330	43	24 Jan	12	300	70	2 Jan	2042		
		Dunstaffnage	13	10	10	2	3	51	243	3298	3764	1209	243	9.8	240	35	14 Nov	11	240	60	14 Nov	1136		
		Greenock Port	51	49	3	0	4	77	357	3615	3426	1059	299	10.5	020	36	11 Jan	14	270	56	15 Sep	0424		
		Inchterm	55	15	12	1	6	32	196	2676	3949	1659	274	8.7	360	38	29 Jan	06	360	59	29 Jan	0536		
		Lowther Hill	754	27	12	32	168	159	1390	4230	2435	534	3	14.2	120	45	7 Dec	15	290	73	3 Jan	0606		
		Machrihanish	22	12	12	0	0	14	44	1691	4433	2363	229	6.9	200	32	15 Nov	09	200	60	15 Nov	1024		
		Paisley	57	25	9	0	13	74	382	3691	3508	1166	0	10.5	120	44	7 Dec	11	120	60	7 Dec	1018		
Dumfries and Galloway		Prestwick Airport	21	10	10	1	176	164	1509	4567	2200	308	0	15.2	360	49	29 Jan	04	010	66	28 Jan	2008		
		Tiree	24	16	12	28	19	79	393	2682	3581	2085	0	8.9	340	43	29 Jan	07	190	69	15 Nov	0812		
		Eskdalemuir	259	10	10	4	0	51	316	3577	3594	982	291	10.4	120	33	7 Dec	10	280	56	3 Jan	0700		
		West Fraugh	25	10	10	0																		
2 ENGLAND E & NE																								
Northumberland		Blyth	19	10	10	12	64	83	495	3243	3904	767	287	10.9	020	44	11 Jan	18	280	64	15 Sep	0800		
		Boulmer	33	10	10	2	9	62	399	2950	4293	1109	0	9.7	240	42	14 Nov	12	240	63	14 Nov	1312		
Tyne and Wear		South Shields	22	17	13	3	22	60	382	3127	3595	1631	3	9.6	010	46	11 Jan	19	020	56	11 Jan	1818		
		Cleveland	28	20	20	30	185	181	1389	4171	2303	655	57	14.3	030	51	11 Jan	19	040	72	11 Jan	1900		
Durham		Durham	119	16	10	1	1	19	75	1806	3388	3011	479	6.4	230	35	16 Sep	14	030	60	11 Jan	1900		
North Yorkshire		Leeming	42	10	10	1	1	35	163	2881	4325	1390	0	8.9	360	37	11 Jan	19	360	60	15 Sep	0754		
		Linton-on-Ouse	23	9	10	0	0	25	134	2353	4236	1975	62	8.0	360	33	11 Jan	20	300	57	3 Jan	0630		
		Silpho Moor	207	15	9	0	0	7	26	1178	4303	3227	26	5.7	27	11 Jan	20	270	56	3 Jan	0754			
Humberide		Spurn Point				5	20	80	563	4018	2949	363	847	12.3	010	40	11 Jan	23	82	3 Jan	1106			
		Binbrook	118	10	10	3	12	42	263	3634	3934	917	0	10.3	010	37	11 Jan	16	280	62	3 Jan	0730		
		Coningsby	16	10	10	2	9	30	165	2922	4294	1370	0	9.0	010	37	11 Jan	18	260	64	3 Jan	0748		
Lincolnshire		Cranwell	68	13	13	5	14	66	420	3869	3694	738	25	10.9	360	39	11 Jan	17	290	61	3 Jan	0754		
		Saxmpton	68	10	10	2	4	32	170	3345	4390	741	110	9.8	290	35	3 Jan	11	280	55	3 Jan	1142		
		Waddington	80	10	10	0	0	35	171	3186	4561	839	3	9.5	270	32	3 Jan	10	280	57	3 Jan	0736		
3 EAST ANGLIA																								
Norfolk		Coltishall	27	10	10	3	10	30	184	2619	4296	1451	0	9.0	030	38	11 Jan	18	020	62	11 Jan	1812		
		Gorleston	16	13	13	7	43	65	483	3191	4277	659	107	10.7	360	53	11 Jan	21	360	74	11 Jan	2030		
		Marham	29	10	10	2	6	35	213	3021	4158	1362	0	9.2	020	38	11 Jan	17	250	65	3 Jan	0948		
Cambridgeshire		Wittering	87	10	10	2	9	38	164	3537	4254	796	0	9.9	300	40	3 Jan	11	290	74	3 Jan	0830		
			45	10	10	5	5	31	142	3067	4577	969	0	9.3	010	36	11 Jan	16	010	64	11 Jan	1842		
Suffolk		Honington	60	13	13	0	0	29	146	3066	4470	1078	0	9.2	070	33	3 Jan	12	260	60	12 Jan	0918		
		Wattisham	105	17	10	3	9	47	276	940	4002	4202	4	10.3	010	39	11 Jan	21	010	66	12 Jan	0124		
Bedfordshire		Bedford	94	13	9	1	3	37	199	2963	4761	776	58	9.6	010	37	11 Jan	17	360	57	11 Jan	1854		
		Cardington	70	41	41	7	18	79	538	3890	3547	772	5	11.2	360	46	11 Jan	17	010	67	11 Jan	1924		
Hertfordshire		Garston	94	15	10	0	0	3	7	753	5624	2159	17	5.8	360	29	12 Jan	00	360	52	11 Jan	1954		
		Essex	17	14	12	0	0	29	161	3023	4721	796	60	9.4	010	30	11 Jan	22	010	51	12 Jan	0164		
		Stansted	108	10	10	0	0	13	61	2502	5272	925	0	8.5	020	31	11 Jan	18	310	52	20 Mar	2342		

Table 6 (continued)

District Region/County and Place		height of vane in metres		distribution of hourly mean values of wind speed										highest values								
		above MSL	above ground	effective height	34 kt or more (gale force)					22-33 kt		11-21 kt	4-10 kt	less than 4 kt	hourly wind			gust				
					number of days	number of hours	number of days	number of hours	number of hours	hours of no record	mean hourly wind speed (kt)	year from N	speed kt	date	hour beginning	year from N	speed kt	date	time			
4 MIDLAND COUNTIES																						
West Yorkshire	Wilsden	272	10	10	1	4	45	267	3220	4170	1099	0	9.7	270	37	3 Jan	06	260	86	3 Jan	0618	
South Yorkshire	Finningley	19	10	10	0	0	22	105	2371	4684	1596	4	8.2	260	33	3 Jan	10	270	66	3 Jan	0706	
	High Bradfield	405	10	10	Defective Record																	
	Sheffield University	146	29	15	0	0	15	62	2069	4569	1939	131	7.5	260	27	3 Jan	06	290	63	3 Jan	0936	
Nottinghamshire	Wetnall	133	16	10	0	0	8	30	2234	5275	1221	0	8.0	210	29	15 Nov	12	270	57	3 Jan	0736	
Staffordshire	Callarhead	241	13	8	0	0	11	36	2550	4690	1359	125	8.3	260	30	3 Jan	07	270	60	3 Jan	0748	
	Keele	215	15	10	0	0	6	32	1249	4711	2758	10	6.1	320	30	11 Jan	15	240	56	3 Jan	0730	
Salop	Shawbury	84	12	10	1	1	35	185	2440	4371	1749	14	8.4	350	34	11 Jan	20	320	52	25 Jan	0642	
West Midlands	Birmingham																					
	Edgbaston	196	36	22	0	0	13	45	1806	4717	2171	21	7.2	020	29	11 Jan	22	020	58	11 Jan	2200	
	Elmdon Airport	104	10	10	0	0	26	130	2880	4307	1443	0	8.7	300	30	3 Jan	08	300	56	20 Mar	2142	
Oxfordshire	Benson	67	10	10	0	0	32	115	2502	3872	2271	0	7.9	330	29	11 Jan	17	210	57	13 Dec	0306	
	Brize Norton	91	13	10	1	1	36	207	2636	4241	1675	0	8.6	350	34	11 Jan	18	310	60	20 Mar	2030	
	Oxford	113	50	22	2	3	48	271	2949	4160	1162	215	9.5	340	34	11 Jan	18	310	60	11 Jan	2324	
5 ENGLAND SE & CENTRAL S																						
Greater London	Heathrow Airport	34	10	10	0	0	23	96	2135	5168	1361	0	8.1	350	32	11 Jan	19	360	54	11 Jan	2006	
	Kew	28	23	15	0	0	8	37	1928	4558	2237	0	7.2	350	30	11 Jan	18	350	70	11 Jan	1806	
	London Weather Centre	93	70	38	1	4	26	115	3458	4587	596	0	10.0	360	41	11 Jan	18	360	71	11 Jan	1806	
	Post Office Tower			174	24	96	142	1349	4975	2154	154	32	15.2	030	50	11 Jan	17	060	77	11 Jan	1748	
Wiltshire	Boscombe Down	130	17	17	0	0	54	316	3260	4153	1031	0	9.8	280	33	1 Feb	20	280	53	3 Jan	1000	
	Larkhill	145	13	10	0	0	24	104	2201	5164	1291	0	8.2	360	31	11 Jan	23	260	51	1 Feb	1912	
	Lynham	160	14	13	0	0	40	203	2897	4779	881	0	9.3	060	32	30 Dec	21	340	52	11 Jan	2248	
	Porton	120	10	10	0	0	47	268	2581	4172	1739	0	8.6	180	32	27 Jan	23	200	53	15 Nov	1348	
Kent	Dover	27	21	18	Defective Record																	
	Dungeness	16	10	10	9	45	99	883	4185	3113	534	0	12.6	180	43	23 Jan	15	250	61	3 Jan	1000	
	East Malling	33	12	10	0	0	5	19	946	4088	3648	59	5.1	350	27	12 Jan	03	360	51	12 Jan	0224	
	Isle of Grain	15	12	10	1	2	39	204	2873	4455	1111	115	9.3	070	34	31 Dec	12	250	50	3 Jan	1024	
	Manston	82	18	18	6	28	72	520	4042	3630	540	0	11.5	350	48	12 Jan	00	350	72	12 Jan	0000	
Hampshire	Calshot	15	13	10	8	19	66	412	3318	3932	740	341	10.7	010	39	11 Jan	20	360	60	11 Jan	1824	
	Farnborough	75	10	10	0	0	8	23	1546	4840	2346	5	8.8	210	26	15 Nov	13	360	48	12 Jan	0230	
	Middle Wallop	94	10	10	0	0	38	191	2632	4212	1548	177	8.7	190	32	27 Jan	23	190	51	27 Jan	2336	
West Sussex	Gatwick Airport	69	10	10	0	0	32	164	2500	4241	1855	0	8.3	360	29	11 Jan	19	360	57	12 Jan	0148	
7A ENGLAND NW & T O M																						
Cumbria	Carlisle	41	13	9	0	0	23	85	2298	4585	1792	0	7.9	230	33	15 Nov	11	240	64	15 Nov	1300	
	Great Dun Fell	857	10	10	146	1317	282	2981	3134	1046	106	176	22.5	220	73	15 Nov	12	220	89	15 Nov	1218	
	Moor House	595	13	12	Defective Record																	
	Sellafield	25	12	11	0	0	27	119	2573	4432	1469	167	8.6	190	32	15 Nov	11	220	47	12 Nov	1448	
Lancashire	Fleetwood	34	15	9	6	22	67	446	3140	3718	1403	31	10.0	290	42	3 Jan	07	290	74	3 Jan	0554	
	Squires Gate Airport	22	12	11	3	6	62	443	4211	3558	542	0	11.4	260	36	3 Jan	05	300	55	3 Jan	0730	
Merseyside	Algourth	38	23	11	2	4	44	276	2996	4089	1265	130	9.5	250	34	15 Mar	01	280	60	3 Jan	0848	
Greater Manchester	Manchester																					
	Ringway Airport	80	10	10	0	0	25	106	2952	4431	1271	0	8.9	280	32	3 Jan	07	270	66	3 Jan	0642	
	Weather Centre	82	45	17	0	0	12	36	1736	5004	1983	1	7.2	270	30	3 Jan	06	290	72	3 Jan	0636	
Isle of Man	Point of Ayre	20	10	10	18	84	156	1297	4702	2197	439	41	14.3	300	41	3 Jan	05	300	66	3 Jan	0512	
	Ronaldsway	25	10	10	11	42	103	824	4106	3109	679	0	12.4	210	42	15 Nov	10	290	65	3 Jan	0542	
7B WALES N																						
Gwynedd	Valley	26	16	12	30	142	150	1383	3926	2610	699	0	14.0	190	49	15 Nov	10	290	74	3 Jan	0642	
8A WALES S																						
Dyfed	Aberporth	144	10	10	16	78	127	1102	4386	2640	554	0	13.5	330	49	29 Jan	04	330	70	29 Jan	0218	
	Brawdy	121	10	10	7	32	86	585	4131	3502	509	1	11.8	340	42	29 Jan	11	330	62	29 Jan	0230	
	Millford Haven	47	10	10	4	11	65	507	3423	3977	815	27	10.7	240	41	12 Dec	20	240	64	12 Dec	2018	
West Glamorgan	Port Talbot	30	11	7	5	13	62	445	3426	3624	1077	175	10.4	280	39	1 Feb	19	280	56	1 Feb	1942	
Mid Glamorgan	Cilfynydd	210	16	16	0	0	30	120	2383	3793	2230	234	7.9	200	32	15 Nov	13	240	74	12 Dec	2100	
South Glamorgan	Rhose Airport	74	10	10	0	0	36	223	3131	4036	1370	0	9.4	250	33	12 Dec	20	250	60	12 Dec	2012	
8B ENGLAND SW																						
Avon	Avonmouth	28	19	10	4	5	65	425	3479	3483	1086	282	10.5	270	35	3 Jan	08	290	56	25 Mar	1554	
Somerset	Yeovilton	22	12	10	3	9	55	288	2652	3829	1881	101	8.8	300	40	1 Feb	21	300	60	1 Feb	2348	
Dorset	Hurn Airport	23	13	11	0	0	33	146	2468	4016	2124	6	8.1	280	31	2 Feb	00	350	56	11 Jan	1854	
	Portland Bill CG	60	13	13	37	219	135	1196	4132	2485	496	232	14.1	120	50	18 Feb	19	300	69	1 Feb	2112	
Devon	Burrington	211	10	10	9	47	63	473	3250	3996	877	117	10.5	270	42	12 Dec	19	320	67	1 Feb	1906	
	Mount Batten	64	13	13	6	22	70	563	3312	3662	1201	0	10.6	250	43	12 Dec	19	250	67	12 Dec	1936	
Cornwall	Culdrose				9	40	72	463	4007	3715	535	0	11.2	240	46	12 Dec	18	340	63	28 Jan	2030	
	Lizard	96	23	18	41	285	154	1390	4460	2283	243	99	15.3	250	54	12 Dec	17	250	75	12 Dec	1730	
	St Mawgan	120	13	13	10	216	146	79	602	4216	3405	491	0	12.0	300	40	1 Feb	23	320	58	29 Jan	0300
	Scilly (St Marys)	70	20	17	32	215	142	1338	4444	2250	609	4	14.7	300	49	28 Jan	14	300	79	22 Mar	2512	
CHANNEL ISLANDS																						
	Guernsey Airport	116	12	12	15	78	100	944	4630	2849	259	0	13.5	290	43	2 Feb	02	230	71	13 Dec	1530	
	Jersey Airport	94	12	10	4	36	70	515	4284	3549	376	0	11.9	310	44	29 Jan	07	310	61	29 Jan	0730	
NORTHERN IRELAND																						
Londonderry	Coleraine University	33	10	10	Defective Record																	
Antrim	Aldergrove	80	10	10	0	0	24	143	3418	4385	814	0	9.7	350	33	28 Jan	23	360	57	28 Jan	2312	
	Ballypatrick Forest	166	13	13	7	30	79	566	3959	3032	918	255	11.5	120	38	7 Dec	09	300	62	3 Jan	0630	
	Belfast Harbour	21	18	18	5	22	63	369	3203	3488	1178	500	10.3	330	40	29 Jan	08	330	59	29 Jan	0840	
Down	Kilkeel	36	19	14	Defective Record																	
	Kilglosh	31	15	15	Defective Record																	
	Orlock Head	51	16	12	39	283	179	1364	4324	2296	429	64	15.0	360	56	29 Jan	09	360	76	29 Jan	0630	
Tyrene	Carraigis	129	10	10	1	2	26	135	2264	4186	2098	75										

Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month of 1978

District, Region/County and Place		number of hours exceeding 33 knots												number of hours exceeding 47 knots													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
0 SCOTLAND N																											
Shetland	Lerwick	285	132	127	0	3	25	31	4	110	171	286	225	1399	52	18	12	0	0	0	0	0	14	15	46	14	171
Orkney	Kirkwall Airport	186	64	88	16	0	49	10	3	111	134	169	176	1006	52	6	5	0	0	0	0	0	20	16	29	24	152
Western Isles	Benbecula	219	28	138	24	2	54	62	22	143	122	333	226	1373	18	4	13	1	0	0	0	1	14	0	61	11	123
	Stornoway	153	34	81	14	3	6	2	4	43	68	176	74	658	30	0	6	0	0	0	0	0	10	1	35	0	82
Highland	Dalcross	105	9	58	3	0	13	1	0	50	68	115	51	473	25	0	0	0	0	0	0	0	11	0	11	4	51
	Dounreay	73	-	21	5	0	13	0	0	43	77	89	144	-	6	-	1	0	0	0	0	0	4	4	8	26	-
	Duirinish	146	-	75	9	0	11	15	0	87	73	213	82	-	8	-	5	0	0	0	0	16	0	46	9	-	
	Fort Augustus	9	0	4	0	0	3	0	0	14	2	11	17	60	0	0	0	0	0	0	0	0	4	0	4	1	9
	Wick	114	44	40	3	0	28	6	1	88	38	94	166	622	35	0	1	0	0	0	0	0	8	1	9	21	75
1 SCOTLAND E																											
Grampian	Aberdeen																										
	Dyce Airport	34	5	45	6	3	11	2	0	32	5	52	66	261	0	0	0	0	0	0	0	0	1	0	6	0	7
	Fraserburgh	86	19	43	23	4	78	61	3	93	99	126	195	830	8	0	0	0	0	0	0	0	9	13	15	10	55
	Kinloss	82	7	39	7	0	16	0	0	52	57	71	69	400	24	0	2	0	0	0	0	0	8	0	7	11	52
	Lossiemouth	97	5	44	10	0	22	5	0	53	66	78	109	489	24	0	1	0	0	0	0	0	8	0	9	9	51
Tayside	Bell Rock	181	48	140	42	7	31	21	1	89	72	231	250	1113	22	0	9	2	0	0	0	0	15	3	39	35	125
	Mylnfield	23	0	11	0	0	0	0	0	21	9	32	18	114	0	0	0	0	0	0	0	0	0	0	0	0	3
	Tunnel Bridge	6	0	7	0	0	11	0	0	25	14	23	33	119	0	0	0	0	0	1	0	0	3	2	2	0	8
Fife	Leuchars	38	0	55	11	0	7	1	0	53	45	86	177	473	0	0	4	0	0	0	0	0	6	0	7	0	17
Lothian	Edinburgh																										
	Turnhouse Airport	43	2	78	1	0	23	15	0	84	54	116	78	494	4	0	3	0	0	0	0	0	10	0	17	0	34
	Royal Observatory, Blackford Hill	123	23	-	8	2	32	40	7	171	-	-	-	-	17	5	-	0	0	0	7	0	20	-	-	-	-
	Forth Road Bridge	54	2	-	-	-	32	17	-	160	72	151	124	-	1	0	-	-	-	1	0	-	22	15	22	16	-
6 SCOTLAND W																											
Strathclyde	Abbotsinch Airport	33	0	22	0	0	2	0	0	31	24	52	40	204	1	0	0	0	0	0	0	0	1	0	9	0	11
	Androssan	158	18	158	28	46	11	5	4	106	66	-	110	-	30	0	8	0	0	0	0	0	12	0	-	8	-
	Dunstaffnage	41	5	50	-	0	0	2	0	33	27	77	93	-	0	0	2	-	0	0	0	0	4	0	7	6	-
	Greenock Port	77	6	86	1	4	8	14	0	68	-	68	121	-	8	0	3	0	0	0	0	0	6	-	6	36	-
	Inchterm	51	0	35	-	-	7	0	0	40	28	65	67	-	13	0	1	-	-	0	0	0	2	0	7	0	-
	Lowther Hill	-	-	-	47	-	48	21	-	183	191	201	-	-	-	-	-	-	-	0	0	-	69	33	68	-	-
	Machrihanish	194	97	182	50	49	17	48	19	143	93	216	288	1396	40	4	11	1	2	0	0	0	25	8	41	105	237
	Paisley	53	2	54	7	4	13	2	0	50	28	74	37	324	9	0	2	0	0	0	0	0	3	3	8	0	25
	Prestwick Airport	86	8	104	11	12	17	2	85	17	122	119	595	12	0	1	0	0	0	0	0	4	0	15	19	51	-
	Tiree	264	67	172	30	4	9	21	1	117	92	274	246	1297	62	4	10	8	0	0	0	0	14	1	27	26	152
Dumfries and Galloway	Eskdalemuir	115	11	131	9	8	24	26	6	112	65	147	48	702	19	1	12	0	0	0	0	0	22	1	24	1	80
	West Freugh	57	-	25	-	0	-	11	0	37	10	48	127	-	6	-	1	-	0	-	0	0	5	0	3	2	-
2 ENGLAND E & NE																											
Northumberland	Blyth	89	4	-	5	0	15	6	8	115	59	97	154	-	19	0	-	0	0	0	0	0	11	8	18	11	-
	Boulmer	91	10	66	9	0	1	10	2	52	32	65	134	472	12	0	1	0	0	0	0	0	4	0	8	0	25
Tyne and Wear	South Shields	39	0	9	1	0	0	0	4	9	2	5	34	103	11	0	0	0	0	0	0	0	0	0	0	0	11
Cleveland	South Gare	155	53	177	22	1	24	40	12	134	57	153	184	1012	37	0	12	3	0	0	0	0	1	11	3	23	34
Durham	Durham	23	0	28	0	0	12	4	3	66	16	60	-	-	4	0	0	0	0	0	0	0	10	0	18	-	-
North Yorkshire	Leeming	72	0	63	1	0	0	0	0	43	15	39	6	244	9	0	2	0	0	0	0	0	2	1	0	1	14
	Linton-on-Ouse	47	0	-	2	0	5	0	0	47	19	31	0	-	11	0	-	0	0	0	0	0	1	1	2	0	-
	Silpho Moor	92	0	61	2	7	6	9	1	33	23	46	18	298	19	0	0	0	0	0	0	0	3	1	3	0	26
Humberside	Spurn Point	104	27	-	7	12	-	1	-	-	-	110	-	-	27	0	-	0	0	0	0	-	-	-	-	-	-
Lincolnshire	Binbrook	57	0	72	1	0	0	0	1	37	3	43	26	240	17	0	0	0	0	0	0	0	0	0	5	0	22
	Coningsby	40	0	61	1	1	6	0	1	39	3	27	10	189	16	0	0	0	0	0	0	0	0	0	0	0	16
	Cranwell	65	1	112	2	0	0	0	2	57	15	68	17	339	22	0	4	0	0	0	0	0	0	0	4	0	30
	Scampton	-	0	59	1	0	0	0	1	39	2	28	4	-	-	0	0	0	0	0	0	0	0	0	1	0	-
	Waddington	50	1	72	1	0	1	1	1	41	3	25	8	204	13	0	0	0	0	0	0	0	0	0	1	0	14
3 EAST ANGLIA																											
Norfolk	Coltishall	61	6	69	0	5	1	0	0	53	6	34	29	264	19	0	1	0	0	0	0	0	0	0	0	0	20
	Gorleston	-	46	69	3	3	6	0	1	24	13	50	65	-	-	0	0	0	0	0	0	0	0	0	1	7	-
	Marham	57	5	40	1	2	0	0	0	49	13	45	22	234	15	0	1	0	0	0	0	0	1	0	0	1	18
Cambridgeshire	Wittering	67	0	65	2	1	1	0	0	32	3	17	6	194	20	0	1	0	0	0	0	0	0	0	1	0	22
	Wytton	44	0	44	2	0	3	0	0	37	6	26	16	178	13	0	0	0	0	0	0	0	0	0	0	0	13
Suffolk	Honington	52	0	68	1	1	1	0	1	40	3	17	22	206	10	0	1	0	0	0	0	0	0	0	0	0	11
	Wattisham																										

District Region/County and Place		number of hours exceeding 33 knots												number of hours exceeding 47 knots														
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	
5 ENGLAND SE & CENTRAL S																												
Greater London	Hestrow Airport . . .	37	25	23	2	0	3	0	0	7	0	7	13	117	9	0	0	0	0	0	0	0	0	0	0	0	9	
	Kew London	52	43	85	8	0	2	0	0	21	1	17	24	253	7	0	3	0	0	0	0	0	0	0	0	2	12	
Wiltshire	Weather Centre . . .	80	66	118	16	1	11	0	2	31	4	25	38	392	19	2	4	0	0	0	0	0	0	0	0	3	28	
	Post Office Tower . . .	161	93	208	32	3	9	2	3	53	5	55	70	692	40	8	15	1	0	0	0	0	0	0	1	3	68	
	Boscombe Down . . .	50	53	68	4	0	0	0	0	16	2	22	56	271	2	3	0	0	0	0	0	0	0	0	0	0	5	
	Larkhill	46	43	63	7	0	2	0	0	14	1	8	25	209	2	1	0	0	0	0	0	0	0	0	0	1	4	
Kent	Lyneham	52	44	77	15	0	7	2	0	14	2	13	45	271	4	0	1	0	0	0	0	0	0	0	0	3	8	
	Porton	54	53	77	11	0	0	0	0	11	0	18	51	275	5	1	0	0	0	0	0	0	0	0	1	0	7	
	Dungeness	171	109	187	96	11	69	14	-	81	22	131	158	-	56	1	16	1	0	0	0	0	3	0	15	44	136	
	Dover	161	98	155	76	0	28	24	29	5	61	124	753	42	0	7	1	0	0	0	0	0	0	0	3	22	75	
Hampshire	East Malling	44	13	55	10	0	4	0	0	7	0	13	16	162	3	0	1	0	0	0	0	0	0	0	0	0	4	4
	Isle of Grain	55	39	79	11	0	5	0	-	16	0	13	55	-	7	0	0	0	0	0	0	0	0	0	0	0	14	41
	Manston	96	41	106	20	0	11	0	1	25	6	47	76	429	29	0	8	0	0	0	0	0	0	0	0	0	0	0
	Calshot	87	67	65	-	0	0	2	1	10	1	19	57	-	19	7	1	-	0	0	0	0	0	0	0	3	-	0
West Sussex	Farnborough	37	12	18	0	0	0	0	0	5	1	13	14	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Middle Wallop	70	54	72	11	0	0	0	0	17	0	6	18	248	9	4	1	0	0	0	0	0	0	0	0	0	0	14
Greater	Getwick Airport . . .	51	41	74	8	1	1	0	0	9	0	19	35	239	13	0	0	0	0	0	0	0	0	0	0	0	0	13
7A ENGLAND NW & I O M																												
Cumbria	Carlisle	44	2	68	5	0	7	2	1	55	26	102	33	346	5	0	2	0	0	0	0	0	1	0	17	0	25	
	Great Dun Fell	338	-	438	82	69	152	234	129	396	341	456	-	-	66	-	156	2	1	23	26	11	105	63	194	-	-	
Lancashire	Moor House	-	-	154	4	-	-	54	20	-	-	-	-	-	-	-	11	0	-	-	1	0	-	-	-	-	0	
	Sellafield	28	0	8	0	0	0	0	0	0	14	0	28	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
Merseyside	Fleetwood	101	5	84	7	5	31	0	4	112	37	120	80	586	14	0	2	0	0	0	0	0	24	0	11	0	51	
	Squires Gate Airport .	81	7	75	1	0	6	0	0	98	17	70	14	367	7	0	0	0	0	0	0	0	1	0	0	0	8	
Greater	Aigburth	51	13	97	1	0	0	0	1	-	11	43	15	-	9	0	5	0	0	0	0	0	-	0	3	0	-	
Manchester	Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ringway Airport . . .	47	12	43	9	0	3	0	0	44	0	24	21	203	7	0	0	0	0	0	0	0	1	0	0	0	8	
Isle of Man	Weather Centre	41	12	63	11	0	2	0	1	44	7	17	11	209	8	0	3	0	0	0	0	0	3	0	2	0	16	
	Point of Ayre	174	96	164	25	19	6	22	5	141	55	154	196	1057	25	1	7	0	0	0	0	0	14	3	22	16	88	
Greater	Ronaldsway	132	76	93	5	10	17	35	0	59	17	91	179	714	25	1	4	0	0	0	2	0	0	0	9	6	47	
7B WALES N																												
Gwynedd	Valley	213	88	240	43	6	6	36	6	120	39	213	130	1140	63	17	27	0	0	0	0	0	3	0	33	5	148	
8A WALES S																												
Dyfed	Aberporth	161	78	173	60	1	2	44	0	80	30	123	180	922	50	15	8	0	0	0	0	0	0	0	9	26	108	
	Brandy	116	80	71	24	0	0	0	0	40	16	68	146	578	33	11	1	0	0	0	0	0	0	0	5	7	57	
West Glamorgan	Milford Haven	132	109	120	32	1	4	8	0	47	9	113	183	758	32	26	2	0	0	0	0	0	0	0	0	8	18	86
	Port Talbot	47	57	28	2	0	0	1	-	20	0	6	82	-	1	16	0	0	0	0	0	0	0	0	0	3	20	
Mid Glamorgan	Cliffydd	78	53	143	25	0	2	0	-	43	0	49	73	-	9	10	5	0	0	0	0	0	1	0	1	12	38	
	Rhose Airport	45	53	57	2	0	0	4	0	37	0	12	62	272	2	5	2	0	0	0	0	0	0	0	0	8	17	
8B ENGLAND SW																												
Avon	Avonmouth	83	37	88	12	0	6	-	0	41	1	17	47	-	9	2	4	0	0	0	0	0	0	0	2	4	21	
Somerset	Yeovilton	92	53	-	16	0	0	0	0	38	5	35	56	-	6	10	-	0	0	0	0	0	0	0	1	3	2	
Dorset	Hurn Airport	77	31	57	11	0	0	0	0	18	1	24	45	265	6	7	2	0	0	0	0	0	0	0	0	0	18	
Devon	Portland Bill CG . . .	218	124	186	41	1	4	15	0	109	18	90	236	1042	69	51	36	0	0	0	0	0	10	0	0	4	48	218
	Burrington	98	69	139	36	0	6	24	1	58	9	22	121	583	20	26	3	0	0	0	0	0	0	0	0	0	14	63
Cornwall	Mount Batten	119	83	105	16	0	0	6	0	35	5	46	180	595	14	30	6	0	0	0	0	0	0	0	0	5	32	87
	Culdrose	150	83	108	16	2	1	8	0	28	2	25	138	561	43	27	7	3	0	0	0	0	0	0	0	24	104	
	Lizard	258	134	210	42	15	3	38	0	78	16	90	297	1181	89	40	53	0	0	0	0	0	9	1	4	69	265	
	St Mawgan	106	92	104	16	0	0	4	0	31	7	26	120	506	25	29	4	0	0	0	0	0	0	0	0	1	6	65
Isle of Scilly	Scilly (St Mary's) . . .	278	197	259	112	13	25	63	9	62	30	74	310	1432	94	60	79	0	0	0	1	0	0	0	5	79	318	
CHANNEL ISLANDS																												
Guernsey	Guernsey Airport . . .	207	103	149	85	0	2	1	1	64	16	28	238	894	44	18	14	0	0	0	0	0	0	0	0	50	128	
Jersey	Jersey Airport	150	49	102	25	0	1	1	2	37	9	4	113	493	31	10	8	0	0	0	0	0	0	0	0	6	55	
NORTHERN IRELAND																												
Londonderry	Coleraine University . .	56	-	49	11	1	0	0	0	23	7	-	-	-	17	-	0	0	0	0	0	0	0	0	-	-	-	
Antrim	Aldergrove	43	6	21	4	0	1	10	0	26	0	27	76	214	10	1	0	0	0	0	0	0	0	0	0	0	11	
	Ballypatrick Forest . .	97	70	107	26	34	0	10	1	84	50	85	179	743	24	0	4	0	0	0	0	0	4	1	10	47	90	
Down	Belfast Harbour	-	38	67	8	5	3	35	-	56	11	42	-	-	-	5	1	0	0	0	0	0	0	0	0	-	-	
	Kilkeel	-	-	-	-	7	15	-	-	50	8	62	194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tyrone	Killough	146	172	272	65	-	-	33	-	-	-	118	256	-	35	68	46	3	0	0	0	0	0	0	0	1	6	13
	Orlock Head	197	126	185	63	44	36	116	24	128	63	151	299	1432	59	21	23	7	1	0	7	0	17	2	28	139	301	
Fermanagh	Carrigans	39	29	53	8	0	0	7	0	27	3	24	-	-	15	0	2	0	0	0	0	0	0	0	1	-	-	
	Castle Archdale Forest .	38	13	38	2	-	-	-	4	45	1	32	-	-	-	7	0	0	0	-	-	-	0	1	0	2	-	-

Table 8 Dates on which gusts exceeded 47 knots during 1978

District and Place	Dates	District and Place	Dates
0 SCOTLAND N		5 ENGLAND SE & CENTRAL S	
Larwick	Jan 1 4 7 11 12 22 28 29; Feb 4 23; Mar 19 28; Sep 16 17; Oct 19 20 24; Nov 3 5 8 10 12 14 16 21 22; Dec 7 8 12	Heathrow Airport	Jan 3 11 12
Kirkwall Airport	Jan 1 7 11 28 29; Feb 4 23; Mar 19 28; Sep 10 14 17 22; Oct 5 24; Nov 3 12 14 16 21 22; Dec 7 8 24	Kiwi	Jan 11 12; Mar 20 25; Dec 12 13
Berbecula	Jan 18 21 28 29; Feb 3; Mar 19 23 24 27 28; Apr 9; Aug 18; Sep 15 16 25; Nov 1 3 7 8 12 16 20 22; Dec 3 4 6 7 11	London Weather Centre	Jan 3 11 12 28; Feb 23 26; Mar 20 21 25; Dec 12 13 30
Stornoway	Jan 1 8 28 29; Mar 19; Sep 15 16; Oct 24; Nov 1 8 9 12 14 20 22	Post Office Tower	Jan 3 11 12 23 27 28; Feb 1 19 23 26; Mar 15 20 21 25 26; Apr 14; Nov 15; Dec 11 13
Dalrossie	Jan 1 6 7 28 29; Sep 15 16 21; Nov 5 10 14 22; Dec 2 7 8	Boscombe Down	Jan 3 11; Feb 1
Dounreay	Jan 1 28 29; Mar 19; Sep 15 16; Oct 24; Nov 14 25; Dec 3 6 8 10 (Defective Feb)	Larkhill	Jan 3 11; Feb 1; Dec 30
Durinish	Jan 8 28 29; Mar 19 27; Sep 15 16; Nov 1 3 8 10 12 14 17 20 22; Dec 7 27 28 (Defective Feb)	Lynnhall	Jan 3 11; Mar 22; Dec 12 13 30
Fort Augustus	Sep 16; Nov 14; Dec 7	Porton	Jan 3 11 12 27; Feb 1; Nov 15
Wick	Jan 1 11 28 29; Mar 28; Sep 15 16; Oct 24; Nov 14 22; Dec 7 8	Dover	Jan 3 10 12 23 27 28; Feb 19; Mar 16 19 21 25; Apr 5; Sep 11 29; Nov 14 15 18 19; Dec 8 12 13 30 31
1 SCOTLAND E		Dungannon	Jan 3 10 12 19 23 27 28; Mar 16 21; Apr 14; Nov 15; Dec 12 14 31
Aberdeen, Dyce Airport	Sep 15; Nov 14	East Malling	Jan 12; Mar 20
Fraserburgh	Jan 3 11; Sep 15 17; Oct 17 20 24; Nov 14 15 22 26; Dec 7 8	Isle of Grain	Jan 3 28; Dec 30 31
Kinloss	Jan 1 11 28 29; Mar 28 29; Sep 15 16; Nov 14 22; Dec 2 7	Marston	Jan 3 11 12 23 27 28; Mar 14 16 21 28; Dec 12 13 31
Loosemouthe	Jan 11 28 29; Mar 28; Sep 16; Nov 12 14 16; Dec 2 7	Catthorpe	Jan 3 10 12 27 28; Feb 1 2; Mar 14; Dec 12 13 (Defective Apr)
Bell Rock	Jan 1 11 29; Mar 16 27 28; Apr 10; Sep 15 16; Oct 5 24; Nov 3 8 12 15 17 20 22; Dec 2 7 8 27 31	Middle Wallop	Jan 3 11 12 27; Feb 1 2 19; Mar 25
Mylnfield	Nov 14 15	Getwick Airport	Jan 11 12 27 28
Tunnel Bridge	Jan 11; Sep 16; Oct 24; Nov 14	7A ENGLAND NW & I O M	
Lauchers	Mar 27 28; Sep 15 16; Nov 14 15	Carlisle	Jan 2 3 11; Mar 28; Sep 16; Nov 14 15 22
Edinburgh	Jan 1 3 11 29; Mar 19 27; Sep 15 16; Nov 14 16	Great Dun Fell	Jan 1 3 5 6 8 9 11 21 23 29 31; Feb 18 20 22 24 28; Mar 1 2 7 8 12 16 19 20 22 24 30; Apr 4 30; May 2; Jun 8 9 16; Jul 4 5 22 23 27 28; Aug 1 14 21; Sep 8 11 13 17 25 26 28 29; Oct 5 6 8 9 15 16 23 24; Nov 1 5 7 8 10 12 22; Dec 2 6 7 9 11 13 15 24 27 29 (Defective Feb, Dec)
Turnhouse Airport	Jan 1 3 11 29; Mar 19 27; Sep 15 16; Nov 14 16	Moor House	Jan 1 3 6; Mar 8 15 19 23 28; Jul 22; Sep 10 11 15 16 29; Oct 18 23 24; Nov 2 8 12 14 15 17 20 22; Dec 7 (Defective Jan, Feb, May, Jun, Sep-Oct)
Royal Observatory Blackford Hill	Jan 1 2 4 5 11 29; Feb 24; Mar 16 19 22 24 26 29; Jul 22 27; Sep 10 14 16 24 (Defective Mar, Missing Oct-Dec)	Fleetwood	Jan 2 3 11 24 29; Mar 15; Sep 11 15 16 29 30; Nov 14 15 19
Forth Road Bridge	Jan 1; Jun 8; Sep 10 15 16; Oct 5 24; Nov 14 15 17 21 22; Dec 27 29 31 (Defective Mar-May, Aug)	Squires Gate Airport	Jan 2 3; Sep 15
6 SCOTLAND W		Aigburth	Jan 3 29; Mar 14 15 25; Sep 30; Nov 14 15 (Defective Sep)
Abbotsinch Airport	Jan 29; Sep 16; Nov 14 15	Manchester	
Arbroath	Jan 1 3 10 11 24 28 29; Mar 19 20 23 25; Sep 15 17 29; Dec 7 28 29 (Defective Nov)	Ringway Airport	Jan 3 11; Sep 11
Dunstaffnage	Mar 19 27; Sep 15; Nov 14 15; Dec 7 (Defective Apr)	Weather Centre	Jan 3 11; Mar 14 15 23; Sep 11 15; Nov 15
Groenock Port	Jan 2 11 28 29; Mar 19 28; Sep 15 16; Oct 5; Nov 14 15 (Defective Oct)	Point of Ayr	Jan 2 3 11 29; Feb 20; Mar 15 21 26; Sep 11 29 30; Oct 5 17; Nov 12 14 15 17; Dec 2 6 7
Inchert	Jan 11 28 29; Mar 28; Sep 16; Nov 14 15 (Defective Apr, May)	Ronaldsway	Jan 2 3 11 28 29; Feb 19; Mar 14 15 19; Jul 6; Nov 14 15 17; Dec 7
Lowther Hill	Jan 3 7 9 21 22 24 25; Feb 18 20 22 24; Mar 7 8 12 15 19 20 22 24 29; May 11; Sep 10 11 14 17 29 30; Oct 5 11 16 23 24; Nov 7 8 12 17 20 22; Dec 1 6 12 27 (Defective Jan-Mar, May, Aug, Dec)	7B WALES N	
Madrihanish	Jan 2 3 9 10 22 26 28 29; Feb 18 22; Mar 14 15 19 21 23 25 28; Apr 9; May 1; Sep 15 16 29 30; Oct 11 16 17; Nov 7 8 12 14 17 20; Dec 1 3 6 8 10 11 24 27 29	Valley	Jan 2 3 11 18 19 21 23 27 29 31; Feb 1 2 19 22; Mar 14 15 19 23 25 28; Sep 29; Nov 7 12 14 15 17 20; Dec 2 11
Palsey	Jan 1 3 11 29; Mar 28 29; Sep 15 16; Oct 5; Nov 14 15 17	8A WALES S	
Prestwick Airport	Jan 2 22 24 29; Mar 19; Sep 15 16; Nov 12 14 16; Dec 6 7 28	Aberporth	Jan 3 11 12 21 23 28 29; Feb 1 2 18; Mar 14 20 25; Nov 15; Dec 1 2 6 7 11 12 14
Tiree	Jan 2 3 9 11 18 19 22 28 29; Feb 3; Mar 19 23 24 26 27; Apr 9 10; Sep 15 16 29 30; Oct 16; Nov 1 3 7 12 15 17 20 22; Dec 2 3 6 7 11	Brawley	Jan 11 28 29; Feb 1 18; Mar 22; Nov 15; Dec 7 12 23
Isladaleuir	Jan 3 11 24 28; Feb 24; Mar 15 18 23 25 28; Sep 10 15 17; Oct 24; Nov 8 12 14 15 17 22; Dec 7	Milford Haven	Jan 3 9 11 19 28 29; Feb 1 18 20; Mar 14 15; Nov 14 15; Dec 1 7 12 13 23
West Freugh	Jan 2 3; Mar 19; Sep 11 29; Nov 15; Dec 6 7 (Defective Feb, Apr, Jun)	Port Talbot	Jan 29; Feb 1 2 18 20; Dec 12 30
2 ENGLAND E & NE		Cilfynydd	Jan 3 11 12 29; Feb 1 2; Mar 14 20 25; Sep 11; Nov 15; Dec 12 14
Brith	Jan 2 5 11 12; Mar 25 29; Sep 15 16; Oct 5; Nov 14 15 22; Dec 28 31 (Defective Mar)	Rhosneig	Jan 3; Feb 1; Mar 22; Dec 12 14 30
Boulmer	Jan 11 12; Mar 29; Sep 15; Nov 14 22	8B ENGLAND SW	
South Shields	Jan 11 12	Avonmouth	Jan 3 11 12; Feb 1; Mar 14 20 22 25; Nov 15; Dec 12 13
South Gare	Jan 2 3 11 19 29 30; Mar 15 16 23 27 29; Aug 1; Sep 15 16; Oct 17; Nov 12 14 15 17; Dec 7 27 31	Swilfont	Jan 3 11 12 29; Feb 1 2; Mar 20 23 25 29; Oct 17; Nov 15; Dec 13 30 (Defective Mar)
Durham	Jan 3 11; Sep 15 16; Nov 14 15 17 (Defective Dec)	Hurn Airport	Jan 3 11 12 27; Feb 1 2; Mar 25; Dec 12
Leeming	Jan 3 5 11; Mar 19 27; Sep 11 15; Nov 15	Portland Bill C.G.	Jan 3 9 12 19 21 23 27 29; Feb 1 2 18 20; Mar 14 16 20 23 25 26 28; Sep 29 30; Nov 15; Dec 9 12 14 23 28 30 31
Linton-on-Ouse	Jan 2 3 11; Mar 25; Sep 11; Oct 5; Nov 15 (Defective Mar)	Burrington	Jan 3 11 12 28 29; Feb 1 2 18 19; Mar 20 22; Dec 12 14 30
Silpho Moor	Jan 3 11 12; Sep 15; Oct 17; Nov 15	Mount Batten	Jan 10 11 28 29; Feb 1 2 18 19; Mar 13 16 22 28; Nov 15 18; Dec 9 12 13 28 30 31
Spurn Point	Jan 3 11 12; Sep 11 (Defective Mar, Jun, Sep-Nov)	Culdrose	Jan 11 12 28 29; Feb 1 2 18 19; Mar 20 22 23 25; Apr 13; Dec 9 12 13 30
Binbrook	Jan 3 11 12; Nov 15	Lizard	Jan 3 10 12 18 19 21 23 25 27 29; Feb 1 2 15 18 19; Mar 13 16 20 23 25 26 28; Sep 29 30; Oct 17; Nov 15; Dec 1 2 7 8 11 14 23 27 28 30
Coningsby	Jan 3 11 12	St. Mawgan	Jan 11 28 29; Feb 1 2 18 19; Mar 14 22 23; Nov 15; Dec 12 13
Cranwell	Jan 3 11 12; Mar 15 22; Nov 12 15	Scilly (St. Marys)	Jan 3 10 12 18 21 22 26 29; Feb 1 2 15 18 19 22 23; Mar 13 16 20 23 25 26; Jul 26; Nov 15; Dec 1 3 7 8 11 14 23 27 28 30 31
Scompton	Jan 3 11 12; Nov 15 (Defective Jan)	CHANNEL ISLANDS	
Waddington	Jan 3 11; Nov 15	Guernsey Airport	Jan 3 11 12 27 29; Feb 1 2 26 28; Mar 14 16 20 22 23; Dec 11 15 23 25 28 31
3 EAST ANGLIA		Jersey Airport	Jan 10 12 28; Feb 1 2; Mar 16 20 21; Dec 12 13
Coltishall	Jan 3 11 12; Mar 15	NORTHERN IRELAND	
Gorleston	Jan 3 11 12 19 23 28; Nov 28; Dec 30 31 (Defective Jan)	Colemans University	Jan 3 28 29 (Defective Feb, Missing Nov & Dec)
Marham	Jan 3 11 12; Mar 25; Sep 11; Dec 13	Aldergrove	Jan 3 28 29; Feb 1
Wittering	Jan 3 11 12; Mar 25; Nov 15	Ballypatrick Forest	Jan 3 11 28 29; Mar 19 23 27; Sep 16 29 30; Oct 18; Nov 14 15 17; Dec 6 7 24 27 28
Wyton	Jan 3 11 12	Belfast Harbour	Jan 2 3 11 28 29; Feb 1 2; Mar 19; Sep 29 (Defective Jan, Dec)
Honington	Jan 3 11 12; Mar 25	Kilkeel	Jul 4 5; Sep 11 20; Oct 5; Nov 12 15; Dec 2 7 23 28 29 (Defective Jan-Apr, Jul, Aug)
Wattisham	Jan 3 11 12 28; Mar 21	Killough	Jan 2 3 11 18 19 27 29 31; Feb 1 18 20 22 23; Mar 1 6 13 14 19 22 23 25 29; Apr 30; Sep 28; Nov 7 15; Dec 2 6 7 23 24 28 29 31 (Defective May, June, Aug-Oct)
Bedford	Jan 3 11 12; Mar 19 20; Nov 15	Orlock Head	Jan 2 3 11 12 24 27 29; Feb 1 2 18 20; Mar 14 16 19 23 25 28; Apr 9 10; May 12; Jul 4 6; Sep 11 29 30; Oct 17; Nov 7 12 14 15 17; Dec 1 3 6 8 11 23 24 27 31
Cardington	Jan 3 11 12; Mar 20 21 25 29; Sep 11; Dec 12 13	Carriagans	Jan 3 28 29; Mar 14 27; Nov 14; Dec 6 7 27 (Defective Dec)
Garton	Jan 11	Castle Archdale Forest	Jan 3 28 29; Sep 16; Nov 14 (Defective May-Jul, Dec)
Shoeburyness	Jan 11 12; Mar 21; Dec 30		
Stansted	Jan 3 11 12; Mar 20 21		
4 MIDLAND COUNTIES			
Widnes	Jan 2 3 11; Mar 15; Sep 15; Nov 14 15		
Fosbury	Jan 3 11		
High Breckfield	Jan 1 3 5 9 12 24 26 31; Feb 24; Mar 8 14 15 19 21 29; Sep 10 13 15 16 22 29 30; Oct 5 16 25; Nov 12 14 20 22; Dec 8 12 13 (Defective Jun-Oct)		
Sheffield University	Jan 3 11; Mar 15 21 23 25 26 29; Sep 11 18; Nov 18 (Defective Sep)		
Wetmill	Jan 3 11; Nov 15		
Cellarhead	Jan 3		
Keele	Jan 3 11 12 28; Feb 19; Mar 20		
Shawbury	Jan 3 11 28; Mar 20; Nov 15		
Birmingham			
Edgbaston	Jan 3 11; Mar 20		
Erdon Airport	Jan 3; Mar 20; Nov 15		
Benson	Jan 3 11; Mar 20; Nov 15; Dec 13		
Bris Norton	Jan 3 11 12; Mar 20 25		
Oxford	Jan 3 11 12 23 27; Feb 2; Mar 14 20 22 25; Nov 14 15; Dec 12 13 30		

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1978

District and Place	Date	Maximum hourly mean wind of 41 kt or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33 kt on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
0 SCOTLAND N								
Lerwick	1 Jan	12	260	41	1218	260	65	5 9-15
	28 Jan	23	030	45	2300	030	65	10-23
	29 Jan	00	030	44	0012	030	60	0 1 4-9
	19 Mar	13	160	44	1224	160	60	9-15
	28 Mar	21	230	44	2136	230	65	21 22
	16 Sep	18	210	59	1830	210	84	16-23
	14 Nov	13	230	50	1112	240	75	7-16
	22 Nov	15	240	45	1212	230	66	10-15
Kirkwall Airport	28 Jan	15	040	44	1712	030	62	7-23
	29 Jan	03	030	45	0436	010	63	0-11
	16 Sep	18	250	52	1818	250	87	16-23
	14 Nov	14	250	56	1448	250	80	11-17
	22 Nov	13	260	46	1348	260	64	10-16
Benbecula	29 Jan	02	350	42	0230	350	63	0-4
	15 Sep	05	290	42	0542	300	62	3-6
	16 Sep	12	200	45	1254	220	63	10-17
	14 Nov	10	250	45	1006	240	73	1-13
Stornoway	19 Mar	08	190	42	0824	190	60	6-10
	16 Sep	12	200	45	1336	240	68	10-17
	14 Nov	09	230	48	0912	240	72	3 4 6-14
Dalcross	16 Sep	13	210	41	—	—	63	12-18
Dounreay	14 Nov	14	260	41	1436	260	63	11-15
	7 Dec	18	130	45	2042	130	60	0-3 7-10 16-23 (Defective Feb)
Duirinish	16 Sep	14	170	44	1500	190	68	13-16 19
	14 Nov	11	160	50	1118	170	69	3-13 (Defective Feb)
Wick	28 Jan	14	030	42	2112	020	58	7-23
	16 Sep	16	250	44	1700	250	66	15-21
	14 Nov	13	240	44	1224	240	66	12-16
1 SCOTLAND E								
Fraserburgh	15 Sep	07	290	41	0706	270	64	6-8
	24 Oct	15	280	42	1748	280	56	14-23
	14 Nov	13	240	42	1324	240	69	13-17
Kinloss	28 Jan	22	010	42	2148	010	57	18-23
	29 Jan	04	010	43	0642	360	62	0-10
	14 Nov	11	240	46	1124	230	68	10-15
Lossiemouth	29 Jan	04	350	44	0824	360	64	0-12
	14 Nov	11	230	42	1242	230	67	10-14
Bell Rock	11 Jan	15	010	44	1542	010	63	13-23
	29 Jan	16	350	44	1636	350	57	13-23
	16 Mar	13	010	45	1300	010	64	10-17
	15 Sep	04	210	42	0348	220	58	2-9
	16 Sep	16	210	44	1748	230	56	13-20
	14 Nov	09	200	48	0924	200	64	4-17
	17 Nov	21	210	45	2118	210	58	19-23
	22 Nov	10	220	42	1024	220	54	9-18
	2 Dec	14	150	41	1224	150	53	0 3 4 6 7 9-15
	7 Dec	09	120	44	2242	110	56	1-23
	8 Dec	00	110	43	0030	110	57	0-10 15-18
Forth Road Bridge	15 Sep	08	290	49	0324	270	65	0-12
	16 Sep	18	280	48	1706	290	64	14-19
	5 Oct	11	210	42	1000	210	52	5-12 15-17
	27 Dec	22	050	41	2230	050	51	14 18-23 (Defective Mar, May, Aug)
6 SCOTLAND W								
Ardrossan	24 Jan	12	330	43	1106	340	55	10-16 18 20 21
	29 Jan	00	360	42	0312	360	59	0-6 (Defective Nov)
Lowther Hill	1 Jan	05	290	44	0548	290	63	0-8 11-16
	22 Jan	00	170	42	0030	170	60	0-3 11 12
	24 Jan	18	320	42	1812	320	52	10-13 15-23
	18 Feb	23	110	42	2336	110	51	16 17 19-23
	19 Feb	19	120	45	2048	120	56	0-8 10 12-22
	20 Feb	11	130	47	1206	130	59	0 1 9-16
	23 Feb	00	180	50	0012	180	63	0-2
	24 Feb	10	200	42	1024	200	58	9-12
	15 Mar	04	290	46	0300	290	59	1-5
	19 Mar	15	280	43	1436	280	69	9 10 12 14-21 23
	22 Mar	06	180	44	0630	170	57	6-8
	27 Mar	09	270	42	0712	270	67	6-9 14
	28 Mar	12	170	56	1212	170	74	6-16 19-23
	10 Sep	10	260	44	1030	260	64	8-11
	11 Sep	14	310	44	1430	310	62	1-5 13-18
	15 Sep	07	270	53	0530	260	74	5-10
	29 Sep	14	290	48	1500	290	61	13-22
	5 Oct	03	260	44	0824	260	65	1-13 16 17
	7 Nov	23	180	45	2342	180	72	18-23
	8 Nov	00	180	46	0042	180	70	0 1 4
	14 Nov	11	220	41	1324	250	72	4-8 10 11 13
	15 Nov	11	210	53	0736	200	77	5-13
	6 Dec	23	120	42	2306	120	56	3 6 14-23
	7 Dec	18	120	61	1824	120	73	0-23
	8 Dec	13	100	41	0012	130	54	0-2 4 5 10-16
	11 Dec	15	130	51	1418	130	69	0-2 4 9-23
	27 Dec	14	100	47	1430	100	66	7-22 (Defective Jan-Mar, May, Aug, Dec)

Table 9 (continued)

District and Place	Date	Maximum hourly mean wind of 41 kt or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33 kt on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
6 SCOTLAND W cont.								
Machrihanish	3 Jan	06	290	44	0606	290	73	3-8 11
	29 Jan	07	340	44	0736	340	66	0-11 13
	6 Dec	23	130	44	2318	130	57	8 21-23
	7 Dec	15	120	45	1512	110	65	0-23
	11 Dec	11	110	41	1142	120	57	9-18
	27 Dec	21	090	41	2024	090	59	12-23
Prestwick Airport	7 Dec	11	120	44	1018	120	60	1-12 18
Tiree	28 Jan	19	010	47	2006	010	66	0-23
	29 Jan	04	360	49	0342	360	66	0-13
	14 Nov	09	240	43	0948	240	64	2-12
	7 Dec	19	120	41	1600	120	56	1 3-23
Eskdalemuir	29 Jan	07	340	43	0824	350	62	5-9
2 ENGLAND E & NE								
Blyth	11 Jan	18	020	44	1742	010	62	10-13 15-23 (Defective Mar)
Boulmer	14 Nov	12	240	42	1312	240	63	10-14
South Shields	11 Jan	19	010	46	1818	020	56	10-23
	12 Jan	00	360	42	0154	350	55	0-4
South Gare	11 Jan	19	030	51	1900	040	72	9-23
	12 Jan	00	020	46	0224	010	63	0-11
	15 Sep	08	280	43	0912	280	63	4 5 8-12
	16 Sep	16	250	41	1612	250	58	12 13 15-18
	14 Nov	14	230	43	1412	230	60	7-16
	15 Nov	13	210	50	1318	210	70	6 7 9-15
	27 Dec	18	100	41	1736	100	53	14-23
	30 Dec	23	080	41	2342	080	54	17-23
3 EAST ANGLIA								
Gorleston	11 Jan	21	360	53	2030	360	74	18-23
	12 Jan	01	360	52	0100	360	70	0-14
	23 Jan	15	170	44	1506	170	68	13-18 (Defective Jan)
Cardington	11 Jan	17	360	46	1924	010	67	16-21 23
4 MIDLAND COUNTIES								
High Bradfield	1 Jan	11	270	44	1130	270	64	10-13
	2 Jan	23	250	42	2148	250	62	16-23
	3 Jan	06	260	48	0636	260	74	0-15
	15 Mar	02	270	54	0148	270	74	0-4 7
	23 Mar	03	260	42	1548	270	66	0-5 9-19
	25 Mar	17	270	41	1706	270	67	1-5 16-23
	26 Mar	11	260	46	1124	260	65	1-15
	11 Sep	10	270	48	1018	270	74	1-17
	14 Nov	16	240	43	0842	230	65	2 4-23
	15 Nov	10	220	52	1048	220	72	2 3 6-16 18-23
	19 Nov	01	240	42	0154	240	56	0-3 (Defective Jun-Oct)
5 ENGLAND SE & CENTRAL S								
London Weather Centre	11 Jan	18	360	41	1806	360	71	17 18 20 21
Post Office Tower	3 Jan	13	330	41	1306	340	58	5-14
	11 Jan	17	030	50	1748	060	77	14-23
	12 Jan	02	040	42	0306	060	62	0-8
Dover	3 Jan	09	250	45	1112	260	59	6-11
	11 Jan	23	010	43	2354	010	65	0-5 21-23
	12 Jan	00	010	47	0000	010	71	0-7 9 17 18
	16 Mar	09	240	48	0554	230	72	5-10
	15 Nov	19	200	43	2006	220	59	8-19
	12 Dec	22	250	44	1024	180	59	0-4 9-17 20-23
	13 Dec	01	230	43	0524	260	72	0-15 20 23
	30 Dec	23	080	41	2348	080	51	21-23
	31 Dec	17	060	43	1706	060	60	0-2 10-19
Dungeness	11 Jan	23	360	41	2336	360	61	0 3 4 21-23
	12 Jan	04	360	42	0100	360	61	0-5
	23 Jan	15	180	43	1530	180	60	12-16
Manston	11 Jan	21	360	47	2206	360	70	21-23
	12 Jan	00	350	48	0000	350	72	0-9 11 13 14
7A ENGLAND NW & I O M								
Great Dun Fell	1 Jan	09	240	46	1206	240	57	0-20 22
	2 Jan	19	220	43	1830	220	54	1 2 6-8 11-13 18-20 22
	3 Jan	05	270	55	0512	280	73	0 1 4-10
	6 Jan	21	220	43	2148	210	53	0 14 17-22
	8 Jan	23	210	43	2254	210	51	19 21-23
	9 Jan	06	210	42	0706	210	53	0-8
	11 Jan	17	020	48	1748	020	54	9-23
	12 Jan	00	010	41	0712	010	45	0-11
	29 Jan	09	360	47	0854	360	51	0-23
	18 Feb	23	080	57	2354	070	64	16 18-23
	19 Feb	00	080	58	1512	070	66	0-23
	20 Feb	04	080	45	0424	080	51	0-10
	24 Feb	02	220	48	0230	220	58	0-19 21
	28 Feb	03	210	41	0200	210	49	1-7
	1 Mar	23	210	42	2300	210	53	10 17 21-23
	7 Mar	22	210	49	2212	210	63	17-23
	8 Mar	01	220	48	0018	220	58	0-9
	13 Mar	22	210	45	1836	200	55	16-23

Table 9 (continued)

District and Place	Date	Maximum hourly mean wind of 41 kt or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33 kt on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
7A ENGLAND NW & I O M - cont.	14 Mar	01	210	41	0118	210	54	0 1 13-15 19 20
	15 Mar	02	270	45	0112	270	63	0-15
	16 Mar	19	020	45	1918	020	55	17-23
	19 Mar	21	260	49	1818	240	69	7-11 15-23
	20 Mar	01	260	48	0154	260	60	0-6
	24 Mar	23	240	48	2300	230	74	18 19 21-23
	25 Mar	00	240	41	0018	240	53	0-6 16-23
	26 Mar	16	240	43	1700	250	55	0-18
	27 Mar	22	210	45	1518	220	67	2-4 6-23
	28 Mar	14	210	67	1430	210	82	0-23
	29 Mar	00	210	57	0112	220	54	0-23
	30 Mar	11	220	43	1118	220	49	0-17
	30 Apr	00	060	41	0018	060	49	0 1
	9 Jun	15	260	41	1654	280	55	7-20
	16 Jun	12	060	50	1054	060	61	4-23
	22 Jul	16	210	47	1518	210	61	8 10-23
	23 Jul	00	210	41	0000	210	55	0-5 9-14
	14 Aug	16	220	43	1612	220	54	13-20
	21 Aug	22	220	42	2142	220	51	8 16-23
	9 Sep	09	250	43	2200	240	53	2-20 22 23
	10 Sep	05	250	60	0524	250	73	0-13 18 19 22 23
	11 Sep	10	260	47	0136	270	62	0-16
	13 Sep	15	220	41	1606	220	50	13-18
	15 Sep	04	250	57	0348	250	75	0-16
	16 Sep	14	230	65	1424	230	82	0-4 8-23
	17 Sep	01	260	46	0006	260	62	0-3 9 10 13 14 16
	25 Sep	22	240	41	1500	250	51	7 10-17 19-23
	5 Oct	20	280	56	2100	280	70	1-23
	6 Oct	00	270	44	0500	280	54	0-11 15 17
	9 Oct	10	220	44	1100	220	55	9-19
	23 Oct	15	240	43	1518	240	51	14-16 18
	24 Oct	03	250	44	0512	260	55	0-15 18 20
	1 Nov	23	220	41	2330	230	55	12-23
	2 Nov	02	230	49	0218	230	60	0-7
	4 Nov	12	220	45	1312	230	55	3 9-23
	5 Nov	15	230	46	1524	230	57	7-21
	8 Nov	05	230	56	0506	230	74	0-9
	10 Nov	04	230	41	0642	230	49	3-11
	12 Nov	15	220	54	1512	220	78	7 8 10 12-19
	13 Nov	20	240	43	2212	240	53	10-13 15-23
	14 Nov	05	230	62	0418	230	79	0-19
	15 Nov	12	220	73	1218	220	89	0-17 20-23
	16 Nov	23	260	41	1100	250	53	0-5 7-12 15-23
	17 Nov	17	230	57	1824	220	70	0 1 3 4 10-23
	18 Nov	21	220	49	0536	250	59	0-23
	19 Nov	00	230	45	0018	230	56	0-5
	20 Nov	22	260	47	2230	260	59	12-23
	21 Nov	23	260	55	2318	260	65	0 9-23
	22 Nov	00	250	52	0030	250	65	0-22
	2 Dec	09	160	56	0912	160	71	5-17 19 20
	6 Dec	22	130	41	2318	120	55	20-23
	7 Dec	02	130	58	0218	130	73	0-15 19-21
	13 Dec	01	230	43	0048	230	57	0-3
	24 Dec	13	080	43	1318	080	51	12-16
	27 Dec	15	080	55	1554	080	66	10-23
	28 Dec	06	080	49	1030	070	55	0-23
	29 Dec	10	080	50	1212	080	59	0-19 (Defective Feb, Dec)
Moor House	16 Sep	21	270	45	1854	280	62	12-23
	21 Nov	23	260	41	2324	260	59	21-23 (Defective Jan, Feb, May, Jun, Sep-Dec)
Fleetwood	3 Jan	07	290	42	0554	290	74	6-11
Point of Ayre	3 Jan	05	300	41	0512	300	66	4-11
Ronaldsway	15 Nov	09	200	41	0836	200	63	6-11 20
	15 Nov	10	210	42	1006	210	57	6-11
7B WALES N								
Valley	3 Jan	06	290	45	0642	290	74	0-12
	29 Jan	02	330	45	0148	330	68	0-14 17
	1 Feb	18	280	42	1936	290	63	15-22
	14 Mar	21	270	41	2148	270	63	19-23
	20 Mar	18	280	44	1906	300	69	17-19
	14 Nov	09	210	41	0924	200	59	2-13 16
	15 Nov	10	190	49	0954	190	67	3-12 19-21
8A WALES SOUTH								
Aberporth	28 Jan	23	320	43	2312	320	63	18-23
	29 Jan	04	330	49	0218	330	70	0-19
	1 Feb	17	280	41	1930	290	61	16-22
Brawdy	29 Jan	11	340	42	0230	330	62	1-14
Milford Haven	12 Dec	20	240	41	2018	240	64	18-21
8B ENGLAND SW								
Portland Bill CG	11 Jan	19	360	43	1930	360	63	16-22
	19 Jan	04	170	41	0424	170	53	2-5
	29 Jan	15	330	41	1542	330	63	0-19
	1 Feb	21	300	46	2112	300	69	14-23
	2 Feb	00	320	45	0142	320	66	0-10
	18 Feb	19	120	50	2042	110	66	7-23

Table 9 (continued)

District and Place	Date	Maximum hourly mean wind of 41 kt or more			Maximum speed in a gust during the day			Hours for which the mean speed exceeded 33 kt on the date in the second column
		Hour beginning	Direction	Speed	Time	Direction	Speed	
8B ENGLAND SW — cont.								
Portland Bill CG — cont.	19 Feb	00	110	45	0000	110	63	0 8-23
	20 Mar	20	300	43	2124	300	63	17-23
	12 Dec	20	250	49	1848	250	69	0 6 17-23
	13 Dec	06	270	42	0824	260	67	1-9
	28 Dec	04	250	42	0412	260	59	2-4
Burrington	12 Dec	19	270	42	1954	270	64	18-20
Mount Batten	12 Dec	19	250	43	1936	250	67	15-22
Culdrose	12 Dec	18	240	46	1700	240	63	16 18-20
Lizard	3 Jan	11	290	41	1242	310	55	6-12
	28 Jan	14	290	45	1436	290	71	12-23
	29 Jan	02	310	48	0112	300	73	0-21
	1 Feb	18	290	42	2200	310	67	11-23
	18 Feb	11	100	49	0836	110	62	3-23
	19 Feb	01	100	47	0248	100	65	0-11
	14 Mar	16	280	41	1054	270	64	9-21
	16 Mar	04	280	41	0406	270	56	1-4
	15 Nov	12	210	41	1300	210	55	8-14
	12 Dec	17	250	54	1730	250	75	8 11 13-17 20-23
	13 Dec	03	270	47	0342	280	71	0-7 10 12 14-23
	30 Dec	19	100	42	1942	100	59	16-22
Scilly (St Marys)	28 Jan	14	300	49	1406	300	73	9-23
	28 Jan	01	310	45	0248	310	65	0-12 16 17
	1 Feb	20	300	41	1848	290	66	12-23
	12 Dec	16	280	46	1624	280	72	14-20 22 23
	13 Dec	03	290	44	0306	290	72	0-6 9 14-16 22 23
CHANNEL ISLANDS								
Guernsey Airport	29 Jan	06	310	42	0812	300	62	0-21
	1 Feb	23	290	42	2254	290	59	14-23
	2 Feb	02	290	43	0000	290	60	0-7
	12 Dec	19	230	41	1912	240	66	16-20 22
Jersey Airport	29 Jan	07	310	44	0736	310	61	0-22
NORTHERN IRELAND								
Killough	3 Jan	03	—	43	0418	—	63	1-6
	18 Feb	23	—	47	2330	—	60	5-23
	19 Feb	00	—	46	0106	—	59	0-23
	20 Feb	00	—	44	1054	—	55	0-17
	22 Feb	22	—	44	2218	—	61	11-23
	19 Mar	10	—	42	1006	—	56	8-11
	23 Mar	11	—	43	1148	—	61	8 9 11 12
	15 Nov	09	200	42	0654	210	53	6-10
	7 Dec	15	120	43	1548	120	56	5-21 (Defective May, Jun, Aug-Oct)
Orlock Head	3 Jan	04	310	47	0630	290	71	2-13
	28 Jan	21	360	56	2342	360	74	13-23
	29 Jan	09	360	56	0836	360	76	0-20
	7 Dec	15	130	50	1542	130	67	4-21
	23 Dec	22	110	44	2236	110	55	14-23
	24 Dec	00	120	41	0036	120	55	0-9 13-19
	27 Dec	19	100	50	1930	100	69	6-23
	28 Dec	13	090	49	0812	100	69	0-23
	29 Dec	01	090	42	0142	090	57	0-10

District and Place	Highest maximum and date	Highest minimum and date	Lowest maximum and date	Lowest minimum and date	District and Place	Highest maximum and date	Highest minimum and date	Lowest maximum and date	Lowest minimum and date								
9 SCOTLAND N					2 ENGLAND E & NE												
Balmacara	Jun 2	21.3	Jun 4	11.3	Dec 30	-2.0	Feb 16	-7.8	Dunstaffnage	Jun 4	24.8	Aug 19	13.8	Dec 31	1.0	Feb 10	-5.9
Ballinacorney	Jun 2	18.2	Aug 19	11.4	Dec 31	-2.5	Feb 19	-	Edinburgh	Jun 1	26.0	Aug 19	14.2	Dec 31	-3.2	Feb 17	-10.7
Bannockburn	Jun 2	20.5	Jul 26, Aug 19	11.2	Dec 31	-2.8	Feb 19	-6.6	Glenn	Jun 1	26.2	Jun 1	18.2	Dec 31	-0.5	Dec 31	-
Barrhead	Jun 2	20.8	Oct 8	12.1	Feb 17, 18	-1.9	Feb 18	-6.1	Glasgow	Jun 1	27.4	Aug 19	15.0	Dec 31	-4.5	Feb 17	-11.4
Bell Busby	Jun 2	20.7	Oct 8	12.3	Dec 30	-1.0	Feb 20	-4.1	Greenock	May 29	25.6	Aug 19	13.8	Dec 29, 30	-1.1	Feb 17	-2.6
Bellgrove	Jun 1	24.4	Jun 21	13.7	Dec 31	-0.8	Feb 12	-5.2	Highland Park	Jun 4	26.1	Aug 19	15.3	Dec 31	-4.0	Feb 17	-7.2
Bellinnoch	Jun 1	22.9	Jun 21	13.9	Dec 31	-0.2	Feb 12	-4.8	Highland Park	Jun 4	26.3	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	26.4	Aug 19	13.9	Dec 30	-3.7	Feb 12	-15.8	Highland Park	Jun 4	26.3	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.2	Aug 19	14.5	Dec 31	-2.9	Feb 12	-9.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 4	26.4	-	-	Dec 31	-5.1	Feb 12	-9.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	22.9	Jun 26, Aug 19	14.0	Dec 31	-1.0	Dec 30	-6.1	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	May 31	25.3	Jul 22, 26, Aug 19	12.5	Dec 30, 31	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park	Jun 4	26.1	Aug 19	15.0	Dec 31	-2.5	Feb 17	-7.0
Bellinnoch	Jun 1	27.4	Aug 19	13.4	Feb 16, 19, Dec 30	-3.5	Feb 16	-16.0	Highland Park								

Table 10 (continued)

Diocese and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	Diocese and Place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
3 EAST ANGLIA - cont.									
Holstedon	May 31	26.7	Sep 11	16.7	Dec 31	-3.0	Feb 11	-8.5	
Rothamsted	May 31	26.0	Jul 30	18.2	Dec 31	-3.3	Jan 18	-7.0	
Barnstead	May 31	25.9	Sep 11	18.2	Dec 31	-3.5	Jan 18	-6.4	
Abbots									
Clonon-on-Sea	Sep 10	26.0	Jul 30	18.0	Dec 31	-2.0	Feb 12	-7.0	
Halesowen	Jul 26	26.2	Sep 11	18.4	Dec 31	-3.5	Feb 11	-7.0	
Little Farningham									
Shoburys	Jul 26	25.3	Sep 11	18.2	Dec 31	-1.9	Jan 18	-7.0	
Stanford-le-Hope	Jun 1, Jul 26	26.8	Sep 11	18.0	Dec 31	-3.0	Feb 11, Nov 30	-6.5	
Stamsted	May 31	25.5	Sep 11	18.0	Dec 31	-3.2	Dec 1	-7.2	
Writtle	Jun 1	26.4	Sep 11	18.0	Dec 31	-3.0	Dec 1	-8.2	
4 MIDLAND COUNTIES									
Bradford	Jun 1	25.6	Aug 22	15.5	Dec 31	-4.3	Feb 11	-10.0	
Bromham	Jun 1	25.6	Aug 22	16.2	Dec 31	-3.9	Dec 31	-11.7	
Huddersfield									
Ossett	Jun 1	26.7	Aug 22	14.8	Dec 31	-4.3	Dec 31	-8.8	
Ilkley	Jun 1	26.0	Aug 22	16.0	Dec 31	-4.0	Feb 11	-9.5	
Pontefract	Jun 1	26.0							
Totterdham	Jun 1	26.1	Jul 28	15.3	Dec 31	-2.7	Feb 11	-12.0	
Widnes	Jun 1	26.6	Jul 28	14.7	Dec 31	-6.9	Feb 11	-10.9	
Flixingway	Jun 1	27.6	Sep 10	18.4	Nov 30	-3.7	Feb 18	-10.0	
Sheffield									
Don	Jun 1	26.7	Aug 22	15.6			Feb 11	-7.0	
Weston Park	Jun 1	26.6	Aug 22	16.7	Dec 31	-4.3	Feb 11	-6.6	
Ashover	Jun 1	26.8	Aug 22	15.6	Dec 31	-4.0	Feb 11	-7.7	
Buxton									
Cherty	May 31, Jun 1	27.0	Jul 28	16.5	Dec 31	-2.5	Dec 1	-6.1	
Wingsworth	Jun 1	26.3	Sep 10	16.4	Dec 31	-3.7	Feb 11	-11.4	
Manfield									
Northampton	May 31	27.0					Nov 30	-2.0	
Nottingham							Feb 12	-0.4	
Button Bonington	Jun 1	27.4	Sep 10	16.4	Dec 31	-3.7	Dec 1	-10.2	
Warrup	Jun 1	26.9	Jul 28	15.5	Dec 31	-3.4	Feb 20	-10.8	
Warrall	Jun 1	27.0	Sep 10	16.0	Dec 31	-3.0	Dec 1	-10.0	
Keele	May 31	23.9	Aug 22	16.0	Dec 31	-3.4	Feb 11	-8.5	
Oaken	May 31	26.0	Jul 30	16.7	Dec 31	-3.1	Feb 11	-8.5	
Pekridge	May 31	26.5	Sep 10	16.8	Dec 31	-2.7	Feb 11	-8.9	
Calderston	May 31	24.8	Sep 10	16.4	Dec 18	-2.8	Feb 11	-10.8	
Calderston	Jun 1	26.7	Jul 30	16.4	Dec 31	-2.9	Dec 1	-10.6	
Newton Linford	May 31	26.1	Sep 10	16.3	Dec 31	-3.0	Dec 1	-10.2	
Hampson Leads	May 31	27.0	Sep 10	16.5	Dec 31	-2.3	Feb 11	-8.6	
Newport	May 31	25.6	Sep 10	16.2	Dec 19	-2.7	Feb 11	-10.0	
Oswestry	May 31	25.4	Sep 10	16.0	Dec 31	-2.7	Feb 11, 12	-7.0	
Prescot Moorfoot	May 31	25.4	Jul 29	17.2	Dec 31	-2.7	Feb 11	-6.7	
Shrewsbury	Jun 1	25.3	Jul 30	16.9	Dec 31	-2.2	Feb 11	-6.7	
Shrewsbury			Aug 22	16.4			Feb 11	-6.7	
Shrewsbury									
Edgworth	May 31	25.7	Sep 10	16.1	Dec 31	-3.2	Feb 11	-6.5	
Edgworth	May 31	25.9	Sep 10	16.7	Dec 31	-2.8	Dec 1	-10.9	
King Edward's School	Jun 1	26.8	May 27	16.4	Feb 11	-1.8	Feb 11	-7.0	
Conventry Airport	May 31	26.5	Jul 28	16.5	Dec 31	-2.8	Feb 11	-7.9	
Ludlow	May 31	26.0	Jul 28	16.0	Dec 31	-1.2	Feb 11	-8.9	
Moreton Morrell	May 31, Jun 1	26.0	Aug 22	16.0	Dec 31	-3.4	Feb 12	-7.0	
Rugby	Jul 28	25.7	Jul 30	16.8	Dec 31	-3.8	Feb 11	-8.0	
Shipton-on-Stratford	Jul 28	25.2	Jul 28	16.5	Dec 31	-2.9	Feb 11	-6.4	
Stratford-upon-Avon	May 31	26.3	Jul 28	16.1	Dec 31	-1.2	Feb 11	-10.2	
Wellbourne	Jul 28	26.3					Feb 11	-8.3	
Bugbrooke Mills	Jun 4	25.6	Jul 30	16.0					
Moulton Park	Jun 1, 4	27.0	Jul 30	16.6	Nov 30	-2.9	Dec 1	-8.5	
Raynolds 2	Jul 29	26.0	Jul 30	16.3	Dec 31	-3.0	Feb 11	-8.7	
Autwood Bank	May 31	26.6							
Harford	May 31	25.5	Jul 23, Aug 22	16.5	Feb 11	-1.0	Feb 11	-8.8	
Lyonsall	May 31	26.6	Sep 10	16.8	Dec 31	-2.2	Jan 18	-7.7	
Marvern	May 31	27.0	Jul 26, Sep 10	16.7	Dec 31	-2.5	Feb 11	-6.6	
Pershore College of Hort	May 31	25.9	Jul 30	16.4	Dec 31	-2.5	Feb 11	-7.7	
Prenton Wynne	May 31	26.7	Jul 30	16.3	Dec 31	-1.9	Feb 11	-8.4	
Chesham	May 31	26.7	Sep 10	16.3	Dec 31	-1.2	Feb 11	-8.4	
Inverness	May 31	27.3	Sep 10	16.8	Dec 31	-2.2	Feb 11	-8.9	
Benson	May 31	27.2	Jul 30	16.8	Dec 31	-2.7	Feb 11	-7.3	
Brian Norton	May 31	26.9	Sep 10	16.2	Jan 18	-2.9	Feb 11	-7.3	
Lancashire Regis	May 31	27.4	Jul 30	16.0	Dec 31	-2.0	Jan 18	-10.0	
Oxford	May 31	26.5	Jul 30	17.0	Dec 31	-2.6	Dec 1	-7.1	
Shirburn	May 31	27.0	Jul 30	16.1	Dec 31	-3.1	Feb 11	-8.9	
(Model Farm)	May 31	26.4	Jul 30	16.6	Dec 31	-3.5	Feb 11	-10.2	
Wallingford	May 31	26.4	Jul 30	16.9	Dec 19	-0.8	Feb 11	-9.4	
Aylsham	May 31	26.6	Jul 30	16.9	Dec 19	-0.8	Feb 11	-9.4	
Grendon	Jun 1	26.1	Jul 30	16.0	Dec 31	-2.7	Dec 1	-11.1	
Underwood	May 31	27.1	Jul 2	16.8	Dec 31	-2.4	Dec 1	-9.2	
Madrasham									
5 ENGLAND SE & CENTRAL S									
Brimley	Jun 1, Jul 26	27.0	Jul 26, 30, Sep 11	17.0	Dec 31	-2.5	Feb 11	-6.5	
Greenwich	Jul 26	27.4	Sep 11	17.9	Dec 31	-2.8	Nov 30	-6.5	
Hampstead	Jul 26	26.0	Jul 30	16.8	Dec 31	-2.5			
Hampstead									
Harrow Weald	May 31, Jun 4	26.5	Jul 30	17.0	Dec 31	-2.0	Feb 11	-7.0	
Hatfield	May 31	26.0	Jul 30	16.0	Dec 31	-2.8	Feb 11	-6.3	
Kingston Palace									
Key	Jun 1	26.3	Jul 30	17.3	Dec 31	-2.1	Dec 1	-7.3	
Psychromer	Jun 1	27.5	Jul 30	18.0	Dec 31	-2.2	Feb 11	-8.5	
Hayes Wall									
London Weather	May 31	26.8	Jul 30	16.4	Dec 31	-1.9	Feb 11, Dec 31	-4.4	
St James Park	May 31	27.6	Jul 30	16.3	Dec 31	-1.8	Feb 11	-4.6	
Southgate	May 31	27.0	Sep 11	17.5			Feb 11	-7.0	
Walden	May 31	26.2	Jul 30	16.3	Dec 31	-3.0	Feb 12	-6.6	
Beaconsfield Down	May 31	26.6	Sep 10	15.8	Dec 31	-1.0	Nov 27	-6.9	
Lacock	May 31	27.2	Jul 26, 30	16.0	Dec 31	-3.2	Feb 11	-6.4	
Larshill	May 31	26.1	Sep 10	15.5	Dec 31	-3.5	Feb 11	-7.8	
Lytham	May 31	26.2	Jul 30	16.3	Dec 31	-3.4	Feb 12	-6.9	
Porton	May 31	27.8	Jul 28	16.0	Dec 31	-3.2	Feb 11	-6.0	
Trombridge	May 31	25.9	Jul 30	14.9	Dec 31	-3.4	Feb 11	-7.8	
Upson	May 31	26.8	Sep 11	16.8	Dec 31	-3.0	Feb 11, 12	-10.8	
Easthamstead	May 31	26.9	Jul 30	16.4	Dec 31	-3.0	Dec 1	-7.5	
Hunley									
Lambourn	May 31, Aug 19	24.7	Jul 28	16.0	Dec 31	-6.1	Jan 18	-8.5	
(Warren Farm)	May 31	26.8	Sep 11	16.9	Dec 31	-2.2	Feb 11	-7.3	
Reading	May 31	26.8	Sep 11	16.7	Dec 31	-2.9	Feb 11	-6.4	
Donfield (N.J.R.D.)	May 31	27.0	Sep 11	16.3	Dec 31	-2.1	Feb 12, Nov 30	-7.8	
Widley									
Dover R.M.S.	Aug 19	22.0	Sep 11	16.4	Dec 31	-4.4	Feb 12	-6.4	
Dunstable	Jul 26	26.4	Sep 11	17.0	Dec 31	-2.0	Feb 11	-7.8	
East Malling	May 31	26.0	Sep 11	16.9	Dec 31	-2.5	Nov 30	-10.8	
Edenbridge	Jul 26	26.4	Sep 11	17.1	Dec 31	-2.1	Feb 18	-7.8	
Easton	Jun 4	26.6	Sep 11	17.2	Dec 31	-2.3	Feb 11	-7.0	
Faversham	May 31	25.4	Jul 30	17.3	Dec 31	-2.8	Dec 1	-6.0	
Folkstone	Jul 28	27.6	Jul 28	17.5	Dec 31	-2.5	Jan 19	-7.1	
Gillingham	May 31	26.8	Sep 11	16.4	Dec 31	-3.0	Feb 12	-8.4	
Goodhurst	May 31	26.4					Feb 12	-6.2	
Hadlow College	Aug 20	26.5	Sep 11	17.0	Dec 31	-2.0	Jan 19	-6.3	
Herve Bay	Aug 20	26.2	Sep 11	17.1	Dec 31	-2.5	Dec 31	-4.4	
Marston	Aug 20	26.4	Sep 11	17.4	Dec 31	-0.9	Dec 31	-3.2	
Margate									
Liscombe	Jul 28	26.8	Sep 11	16.9	Dec 31	-2.5	Feb 12	-6.6	
Wye	May 31	26.5	Sep 11	16.9	Dec 31	-2.8	Feb 18	-6.9	
Alton Holt Lodge	May 31	26.5	Jul 30, Sep 11	16.9	Dec 31	-2.8	Feb 12	-6.9	
Everton	May 31	26.3	Sep 11	16.9	Dec 31	-2.8	Feb 12	-6.7	
Hayling Island	Jul 14	26.1	Jul 28	16.8	Dec 31	-1.8	Feb 12	-6.1	
Lackford	Jul 29	25.3	Jul 30	16.1	Dec 31	-3.0	Feb 11	-6.9	
Long Burton	May 31	26.7	Jul 28	16.1	Dec 31	-3.2	Feb 11	-6.9	
Marley Worthy	May 31	26.4	Sep 11	16.7	Dec 31	-3.0	Feb 12	-6.1	
Mayflower Park	Jul 14	26.8	Sep 11	16.9	Dec 31	-1.1	Feb 12	-6.6	
Western Centre (X)	Jul 14	26.1	Sep 11	17.0	Dec 31	-1.4	Feb 12	-6.6	
Southsea	Jul 14	26.1	Sep 11	16					

Table 11 Number of days on which the duration of sunshine was between given limits in each month of 1978

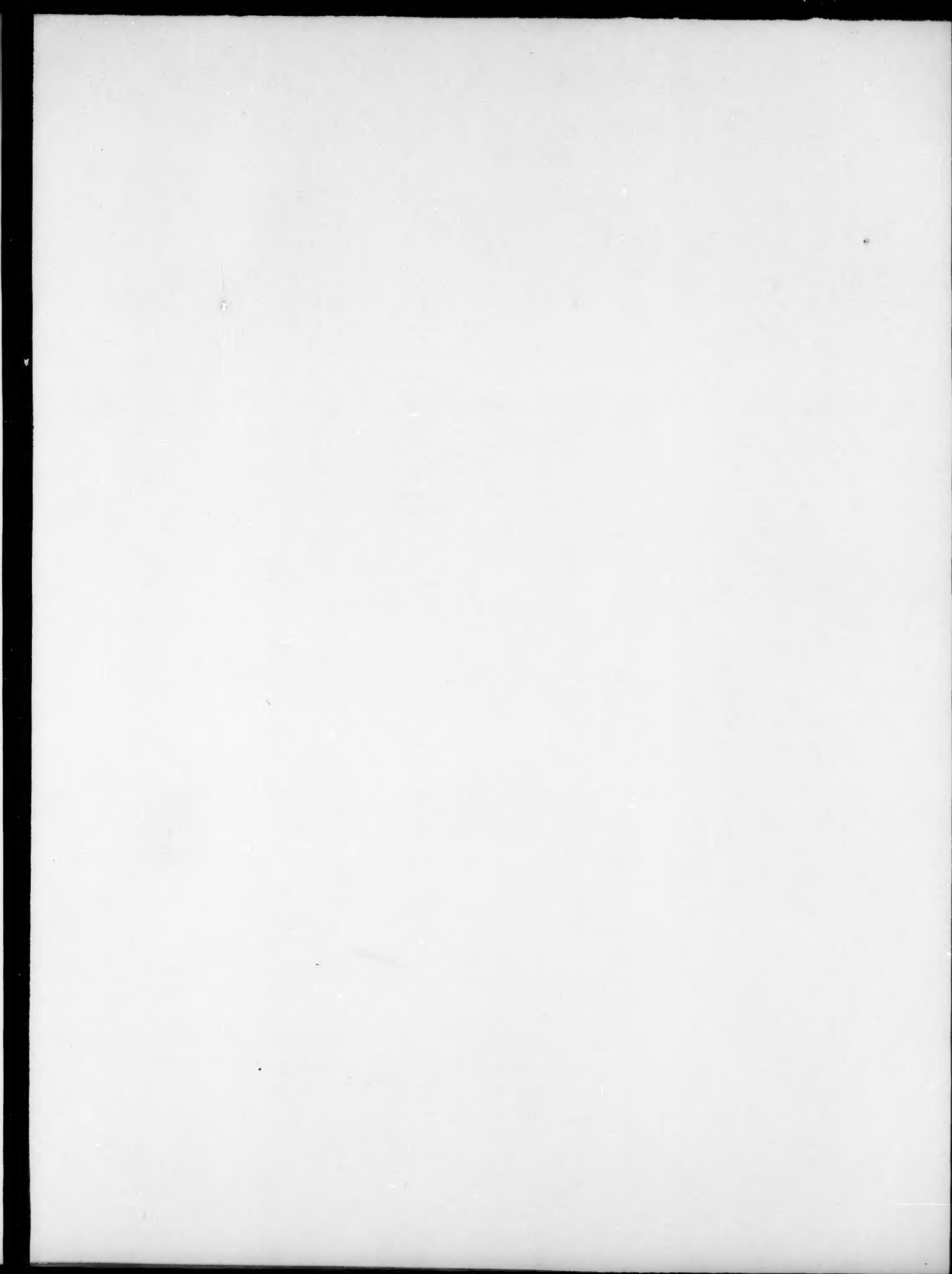
Station	January					February					March					April					May					June				
	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-6.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	>9.0
Lerwick	19	11	1	0	0	9	9	7	3	0	7	9	8	5	2	7	4	4	9	6	6	8	4	3	10	4	12	8	1	5
Stornoway	11	17	3	0	0	8	10	4	6	0	8	8	10	4	1	5	5	5	9	6	3	5	7	2	14	2	10	6	5	7
Craibstone	10	10	11	0	0	13	6	6	3	0	4	8	8	9	2	9	5	7	7	2	5	6	1	4	15	3	9	4	6	8
Leuchars	13	7	10	1	0	12	6	5	5	0	3	12	6	9	1	7	8	6	6	3	4	5	6	6	10	2	4	9	4	11
Abbotsinch	13	11	3	4	0	8	6	11	3	0	4	12	11	3	1	5	14	3	2	6	1	8	6	3	13	0	10	7	3	10
Eskdalemuir	14	11	2	4	0	10	8	5	5	0	8	13	5	3	2	6	11	4	7	2	0	13	3	3	12	4	9	3	6	8
Boulmer	10	12	7	2	0	10	11	3	4	0	1	12	9	7	2	9	5	8	6	2	2	9	3	8	9	2	9	3	4	12
Gorleston	18	8	5	0	0	-	-	-	-	-	-	-	-	-	-	10	8	3	5	4	-	-	-	-	-	1	7	11	2	9
Cambridge (N.I.A.B.)	14	12	4	1	0	6	15	5	2	0	3	12	9	6	1	10	8	2	6	4	5	8	5	3	10	1	11	8	2	8
Finningley	12	11	7	1	0	9	12	6	1	0	0	16	8	4	3	8	11	3	5	3	4	10	1	5	11	3	10	6	0	11
Edgbaston	15	10	6	0	0	12	12	3	1	0	4	9	10	5	3	9	10	4	7	0	6	5	5	5	10	5	10	3	5	7
Kew (Psychrometer)	13	12	4	2	0	8	15	3	2	0	4	9	10	5	3	10	6	4	4	6	4	8	2	4	13	2	5	10	5	8
Southampton	7	13	7	4	0	9	8	9	2	0	6	9	8	3	5	8	8	3	5	6	4	6	4	2	15	0	9	7	2	12
Hastings	10	11	6	4	0	7	10	5	6	0	5	13	4	6	3	4	11	5	5	5	2	10	5	1	13	2	4	6	7	11
Squires Gate	14	9	6	2	0	6	12	7	3	0	3	11	8	8	1	8	7	2	8	5	2	6	4	6	13	3	9	3	6	9
Douglas	11	10	7	3	0	11	8	5	4	0	6	9	7	8	1	2	8	8	2	10	3	5	6	2	15	2	10	3	6	9
Valley	12	8	9	2	0	8	9	5	6	0	2	12	7	7	3	2	8	5	4	11	2	5	3	4	17	2	9	7	6	6
Falmouth	11	12	5	3	0	8	11	5	4	0	8	5	10	3	5	6	5	6	4	9	1	5	4	9	12	1	8	6	8	7
Aldergrove	11	10	9	1	0	7	11	5	5	0	5	10	9	7	0	3	9	6	8	4	2	14	1	2	12	4	13	3	3	7
Armagh	8	12	11	0	0	8	10	8	2	0	6	10	8	7	0	2	13	9	3	3	4	13	0	3	11	6	14	2	1	7

Station	July					August					September					October					November					December				
	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0	0.0	0.1-3.0	3.1-6.0	6.1-9.0	≥9.0
Lerwick	8	11	7	3	2	5	15	7	3	1	8	9	8	5	0	10	12	6	3	0	11	16	3	0	0	24	6	1	0	0
Stornoway	5	14	4	4	4	10	15	1	2	3	5	11	9	5	0	10	13	4	3	1	13	13	4	0	0	21	7	3	0	0
Craibstone	4	12	6	6	3	6	10	4	9	2	2	9	8	7	4	8	7	11	4	1	3	15	10	2	0	21	7	3	0	0
Leuchars	4	13	2	4	8	7	8	7	3	6	3	14	6	4	3	7	10	5	9	0	4	13	11	2	0	17	11	3	0	0
Abbotsinch	3	8	4	6	10	5	17	4	3	2	4	12	10	4	0	5	14	6	6	0	10	13	5	2	0	19	9	3	0	0
Eskdalemuir	6	8	8	3	6	8	9	7	4	3	7	10	10	3	0	11	12	2	5	1	12	14	0	4	0	18	8	5	0	0
Boulmer	3	8	9	4	7	7	9	4	7	4	5	6	9	7	3	8	7	8	7	1	4	16	7	3	0	16	12	3	0	0
Gorleston	3	8	9	7	4	—	—	—	—	—	2	3	11	11	3	9	10	6	5	1	7	12	6	5	0	18	8	5	0	0
Cambridge (N.I.A.B.)	4	11	7	8	1	4	9	6	8	4	4	3	10	9	4	7	10	7	6	1	4	13	9	4	0	16	9	6	0	0
Finningley	3	6	15	5	2	2	16	4	6	3	3	7	9	9	2	7	10	12	2	0	5	13	8	4	0	18	8	5	0	0
Edgbaston	4	9	5	7	6	3	12	6	8	2	2	7	9	11	1	8	11	6	6	0	9	8	8	5	0	17	9	4	1	0
Kew	3	9	5	9	5	0	9	7	9	6	0	7	10	9	4	3	14	8	5	1	5	13	6	6	0	11	14	6	0	0
Southampton	4	12	5	2	8	0	9	8	6	1	4	8	13	4	6	9	11	4	1	5	14	7	4	0	14	13	3	1	0	
Hastings	2	9	9	5	6	0	4	10	8	9	2	7	4	13	4	5	10	5	7	4	5	11	6	8	0	11	15	3	2	0
Squires Gate	2	12	7	2	8	5	9	9	4	4	3	12	10	4	1	8	9	9	3	2	8	13	7	2	0	15	9	6	1	0
Douglas	3	6	7	5	10	9	8	4	6	4	2	12	5	8	3	7	10	6	7	1	16	9	4	1	0	15	10	6	0	0
Valley	4	7	8	5	7	6	9	4	8	4	3	9	9	6	3	10	7	7	6	1	6	16	4	4	0	14	9	6	2	0
Falmouth	6	6	3	7	9	0	10	0	7	14	2	3	5	9	11	5	15	4	5	2	11	10	4	5	0	—	—	—	—	
Aldergrove	2	13	7	3	6	5	16	6	2	2	6	10	8	5	1	6	11	7	7	0	8	17	2	3	0	13	9	7	2	0
Armagh	2	16	5	3	5	7	15	6	0	3	6	11	7	6	0	5	12	8	6	0	8	15	6	1	0	12	14	4	1	0

Table 12 Number of days with rainfall between given limits during 1978

Station	0.0 - 0.1mm	0.2 - 1.0mm	1.1 - 5.0mm	5.1 - 10.0mm	10.1 - 15.0mm	15.1 - 20.0mm	20.1 - 25.1mm	over 25.1mm	Station	0.0 - 0.1mm	0.2 - 1.0mm	1.1 - 5.0mm	5.1 - 10.0mm	10.1 - 15.0mm	15.1 - 20.0mm	20.1 - 25.1mm	over 25.1mm
Lerwick	115	64	115	47	18	2	2	2	Shoeburyness	218	54	62	25	4	0	2	0
Sornoway	105	69	112	49	18	9	2	1	Edgbaston	177	63	74	35	9	1	5	1
Nairn	169	67	88	26	10	2	2	1	Preston Wynne	184	59	78	28	10	6	0	0
Craibstone	163	59	88	31	15	5	1	3	Kew	212	53	61	27	6	3	1	2
Leuchars	182	58	80	23	10	6	2	4	Southampton	207	44	64	31	11	3	2	3
Abbotsinch	142	62	85	44	20	7	1	4	Hastings	216	38	71	26	10	2	3	0
Rothsey	145	40	83	49	26	11	7	4	Squires Gate	176	50	77	42	12	5	0	3
Eskdalemuir	133	55	90	42	19	9	9	8	Aigburth	182	42	88	27	17	5	2	2
Boulmer	174	66	72	29	12	5	3	4	Douglas	165	52	78	33	20	9	4	4
Durham	180	62	78	27	9	4	2	3	Valley	179	45	88	33	15	3	2	0
Scarborough	177	60	82	30	8	5	1	2	Aberporth	176	54	86	28	17	2	0	2
Bridlington	185	50	81	32	11	2	1	3	Long Ashton	193	40	86	33	7	3	0	3
Cranwell	193	55	71	33	6	2	2	3	Falmouth	186	39	73	39	19	5	2	2
Gorleston	—	—	—	—	—	—	—	—	Aldergrove	150	57	98	39	12	6	1	2
Cambridge (Botanic Garden)	211	55	66	23	8	0	1	1	Armagh	152	60	107	32	10	1	1	2

NOTE: In Tables 3, 4 & 10 the symbol (x) against certain stations denotes an urban rooftop site.



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